

Data File : VV009971.D
Acq On : 28 Mar 2019 17:38
Operator : SY/MD
Sample : K2085-02
Misc : 5.59G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7W9

Quant Time: Mar 29 02:24:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	120256	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48604	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51894	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.08%
7) Chloroethane-d5	1.58	69	61041	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
10) 1,1-Dichloroethene-d2	2.13	63	119913	17.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.84%
20) 2-Butanone-d5	3.93	46	23944	52.65	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.30%
24) Chloroform-d	4.40	84	71714	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	5.08	65	49974	27.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.40%
29) Benzene-d6	5.10	84	154696	24.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.04%
33) 1,2-Dichloropropane-d6	6.12	67	50189	27.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.72%
37) Toluene-d8	7.36	98	140105	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.80%
38) trans-1,3-Dichloropropene-	7.66	79	16001	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.72%
39) 2-Hexanone-d5	8.13	63	16416	47.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43364	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	48736	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds

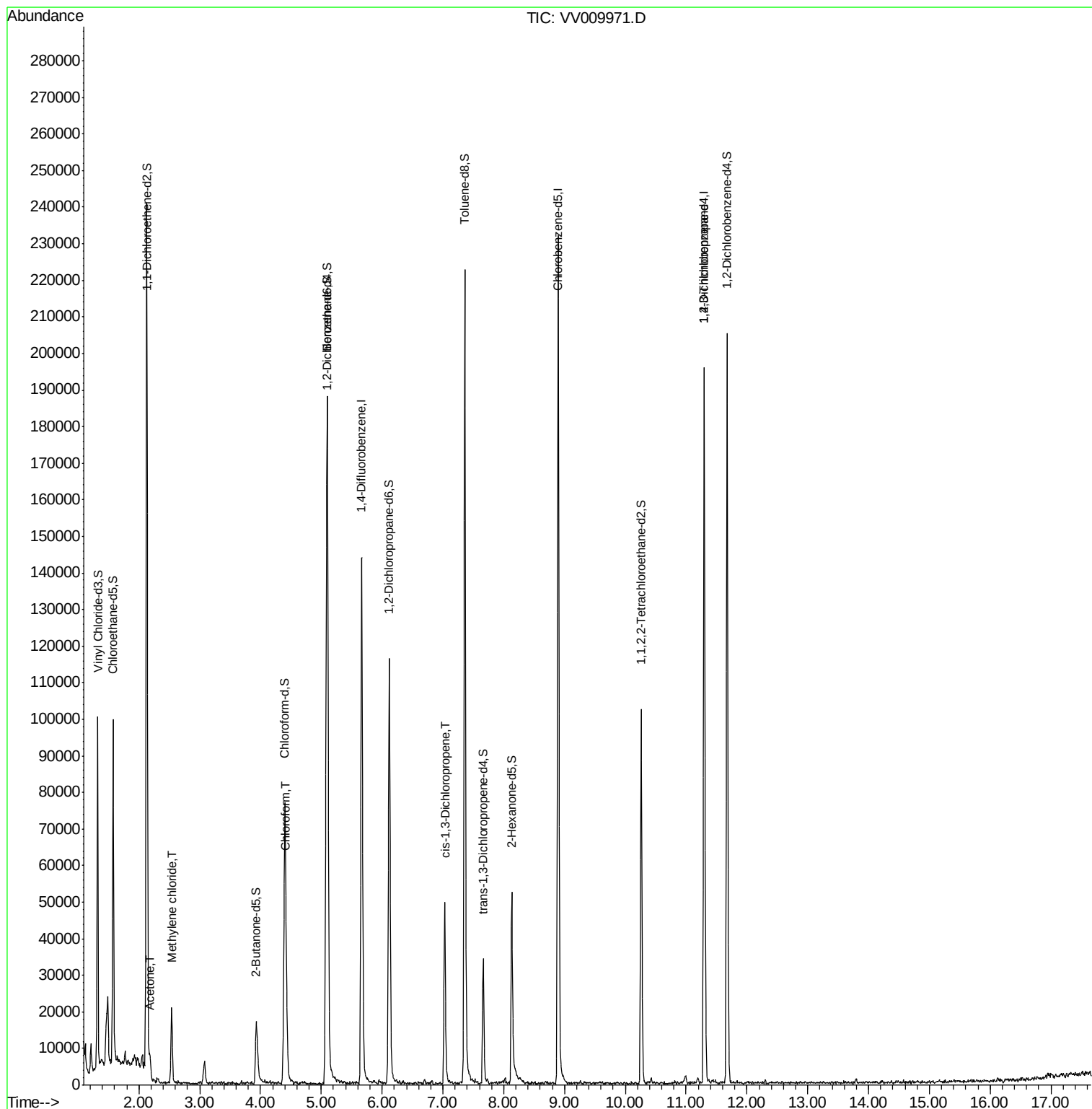
					Qvalue
13) Acetone	2.19	43	3380	4.909 ug/L	88
16) Methylene chloride	2.54	84	8683	4.385 ug/L	88
25) Chloroform	4.43	83	9091	2.853 ug/L	90
42) cis-1,3-Dichloropropene	7.04	75	993	0.413 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	7469	5.628 ug/L	94

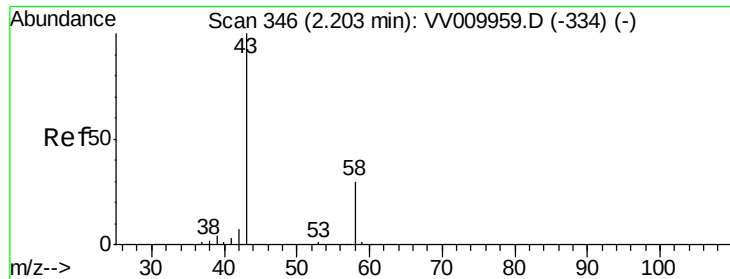
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.909 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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ClientSampleId :

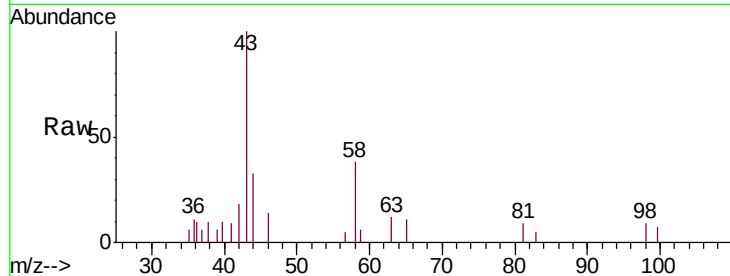
BF7W9

Tgt Ion: 43 Resp: 3380

Ion Ratio Lower Upper

43 100

58 36.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009959.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009959.D (-334) (-)

2500

2000

1500

1000

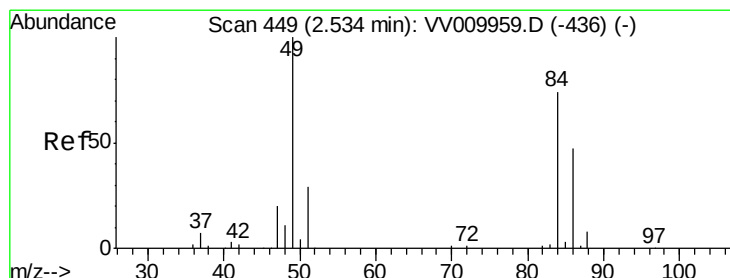
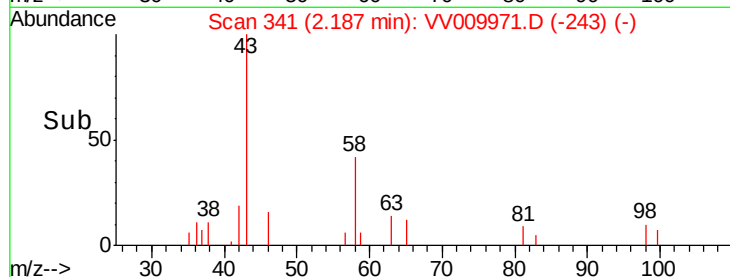
500

0

2.15

2.20

Time-->



#16

Methylene chloride

Concen: 4.385 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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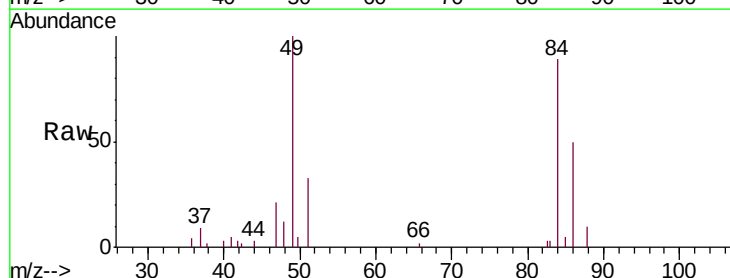
Tgt Ion: 84 Resp: 8683

Ion Ratio Lower Upper

84 100

49 112.6 90.4 167.8

86 56.1 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009959.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009959.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009959.D (-436) (-)

8000

6000

4000

2000

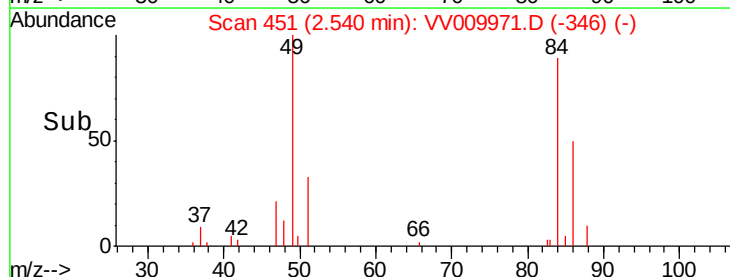
0

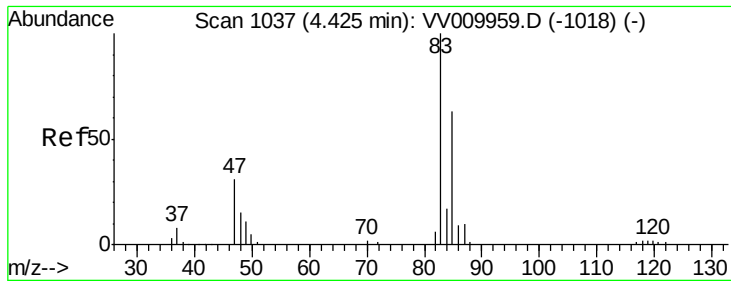
2.50

2.55

2.60

Time-->





#25

Chloroform

Concen: 2.853 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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ClientSampleId :

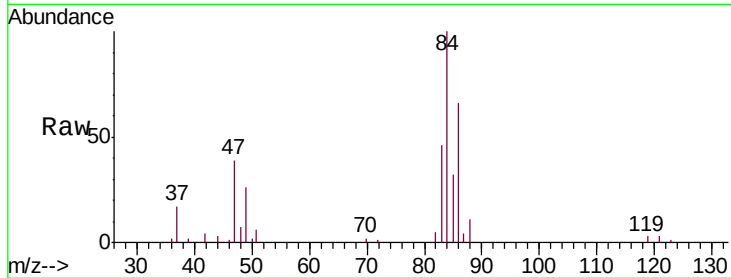
BF7W9

Tgt Ion: 83 Resp: 9091

Ion Ratio Lower Upper

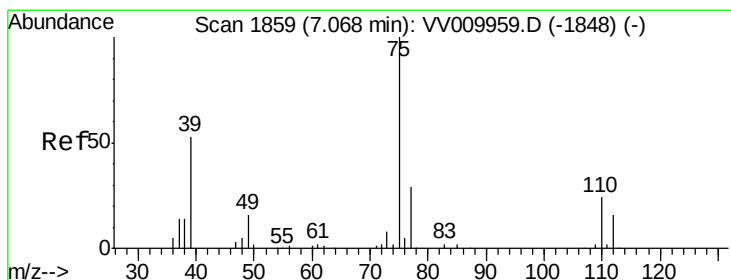
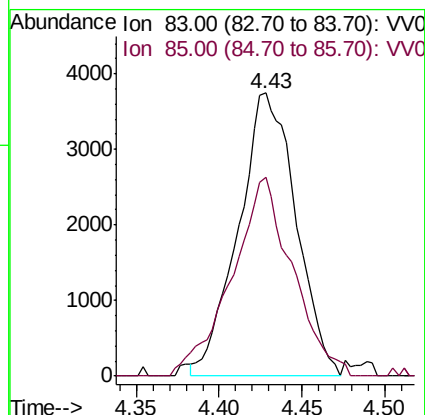
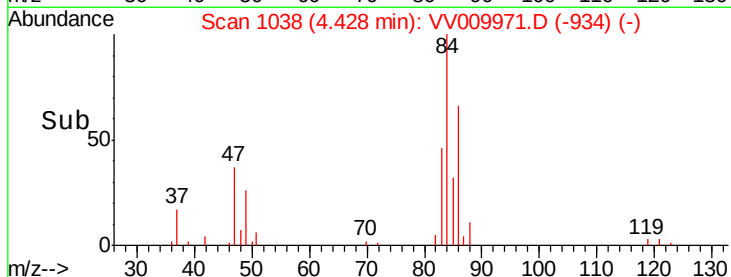
83 100

85 73.6 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV009971.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV009971.D (-934) (-)



#42

cis-1,3-Dichloropropene

Concen: 0.413 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.03 min

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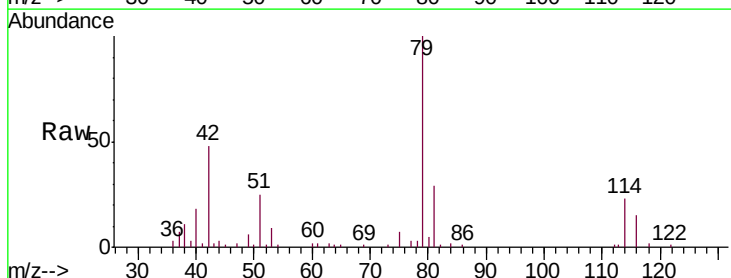
Acq: 28 Mar 2019 17:38

Tgt Ion: 75 Resp: 993

Ion Ratio Lower Upper

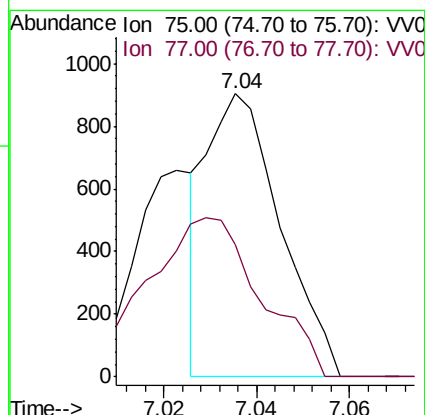
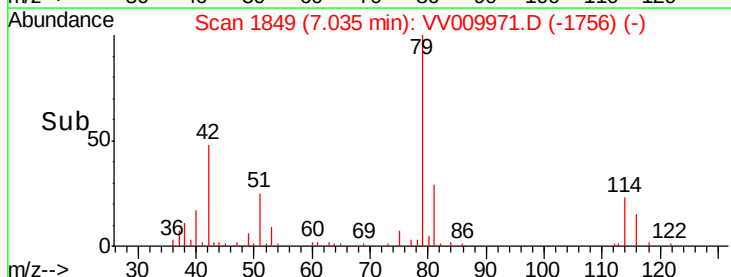
75 100

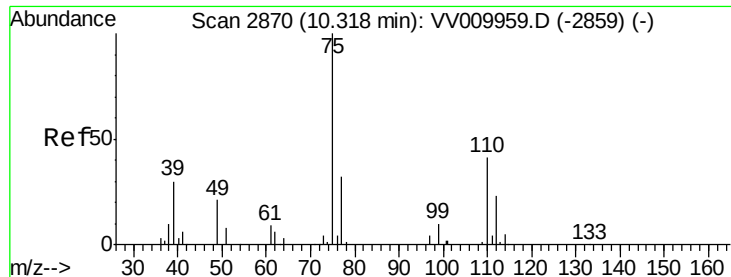
77 46.7 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV009971.D (-1756) (-)

Ion 77.00 (76.70 to 77.70): VV009971.D (-1756) (-)





#59

1,2,3-Trichloropropane

Concen: 5.628 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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Acq: 28 Mar 2019 17:38

Instrument :

MSVOA_V

ClientSampleId :

BF7W9

Tgt Ion: 75 Resp: 7469

Ion Ratio Lower Upper

75 100

77 29.3 26.2 39.2

