

Data File : VV010084.D
Acq On : 03 Apr 2019 03:11
Operator : SY/MD
Sample : K2148-22
Misc : 5.88G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5H2

Quant Time: Apr 03 06:52:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	259665	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	239425	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77772	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65706	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.60%
7) Chloroethane-d5	1.57	69	106203	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.40%
10) 1,1-Dichloroethene-d2	2.12	63	133730	15.25	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.00%
20) 2-Butanone-d5	4.06	46	301	0.30	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.60%#
24) Chloroform-d	4.40	84	163890	25.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	98257	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.40%
29) Benzene-d6	5.09	84	329690	26.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.20%
33) 1,2-Dichloropropane-d6	6.12	67	99755	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.88%
37) Toluene-d8	7.36	98	279325	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	7.66	79	28455	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.68%
39) 2-Hexanone-d5	8.14	63	12743	17.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78752	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	78339	25.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.44%

Target Compounds

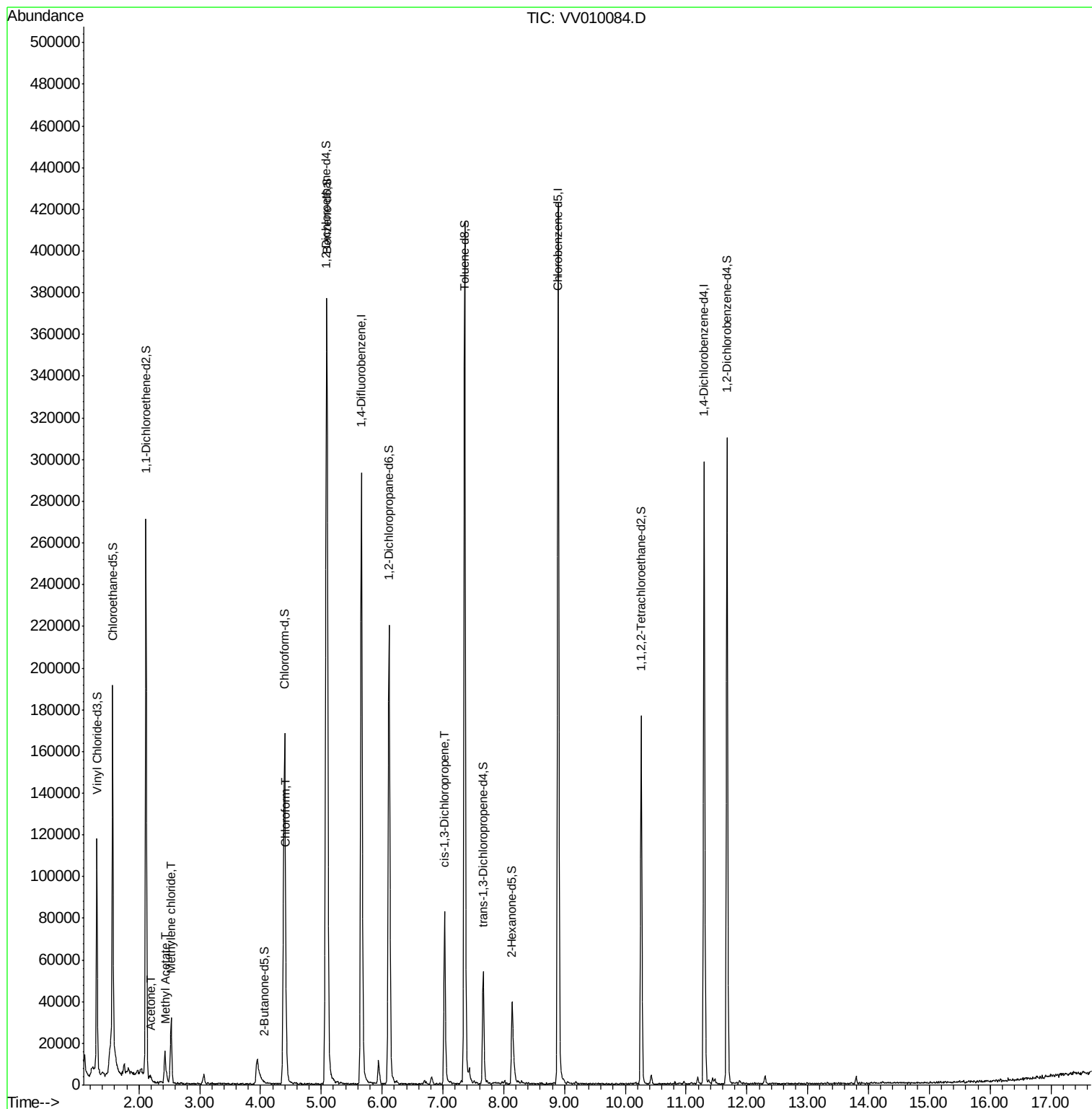
					Qvalue
13) Acetone	2.20	43	2217	2.267 ug/L	71
15) Methyl Acetate	2.45	43	897	0.573 ug/L	94
16) Methylene chloride	2.53	84	12724	2.789 ug/L	89
25) Chloroform	4.42	83	6488	1.099 ug/L #	47
42) cis-1,3-Dichloropropene	7.03	75	2586	0.604 ug/L	90

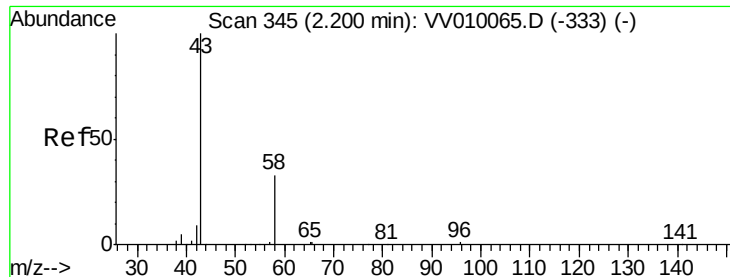
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.267 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

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Acq: 03 Apr 2019 03:11

Instrument :

MSVOA_V

ClientSampleId :

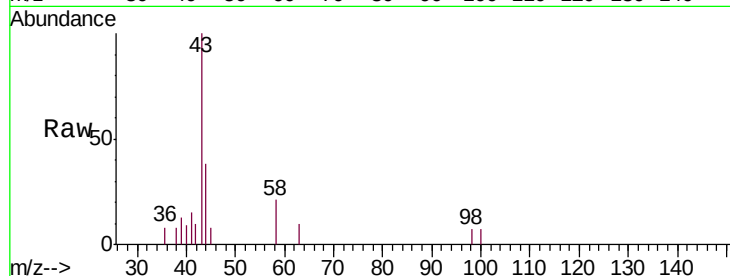
BF5H2

Tgt Ion: 43 Resp: 2217

Ion Ratio Lower Upper

43 100

58 15.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010065.D (-333) (-)

2.20

1500

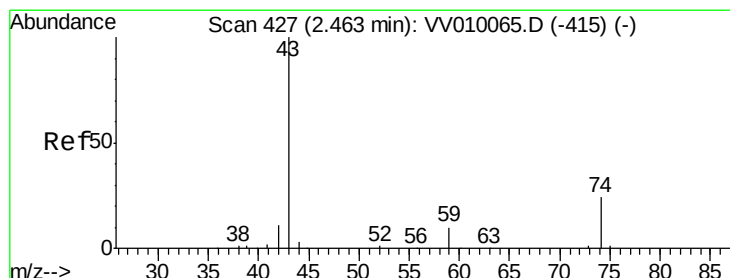
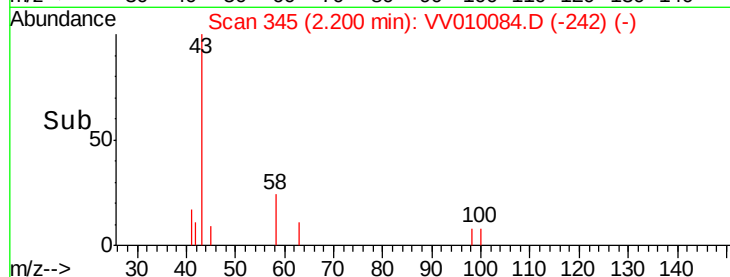
1000

500

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 0.573 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

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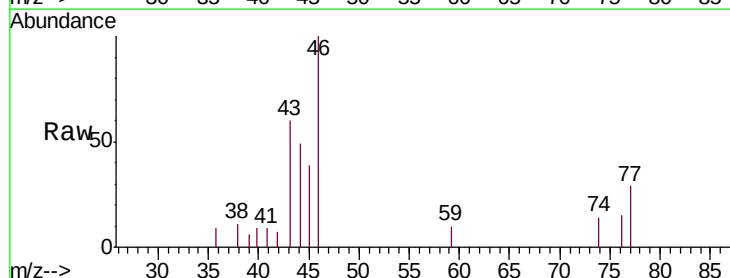
Acq: 03 Apr 2019 03:11

Tgt Ion: 43 Resp: 897

Ion Ratio Lower Upper

43 100

74 27.9 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-415) (-)

Ion 74.00 (73.70 to 74.70): VV010065.D (-415) (-)

1200

1000

800

600

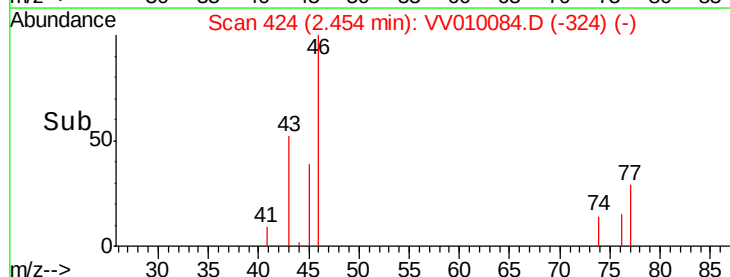
400

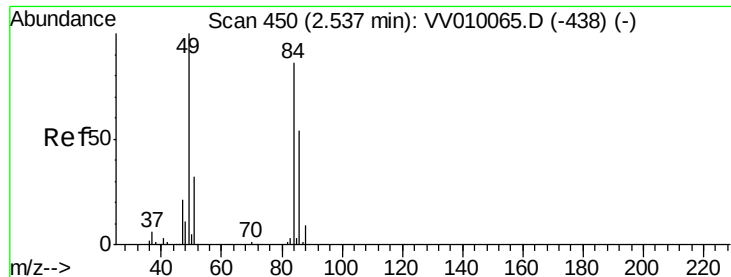
200

0

2.42 2.44 2.46

Time-->

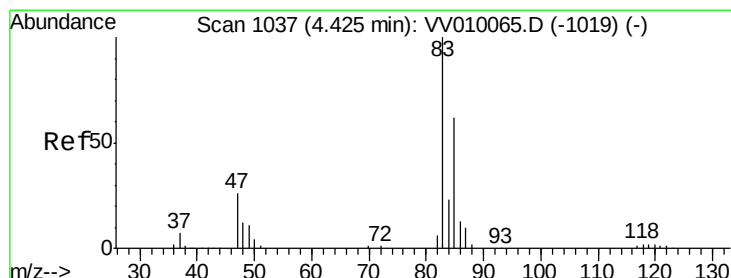
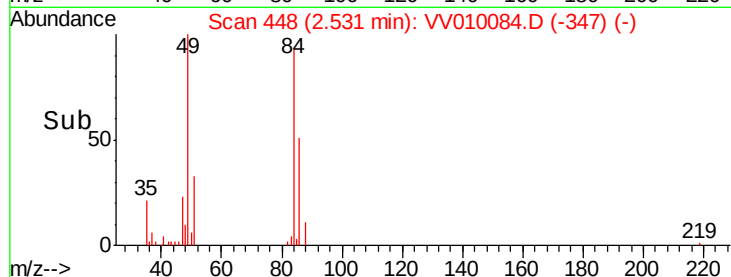
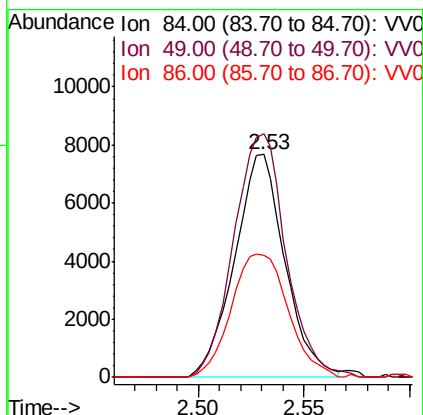
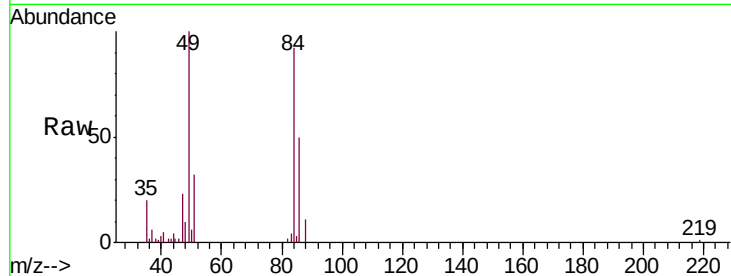




#16
Methylene chloride
Concen: 2.789 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010084.D
Acq: 03 Apr 2019 03:11

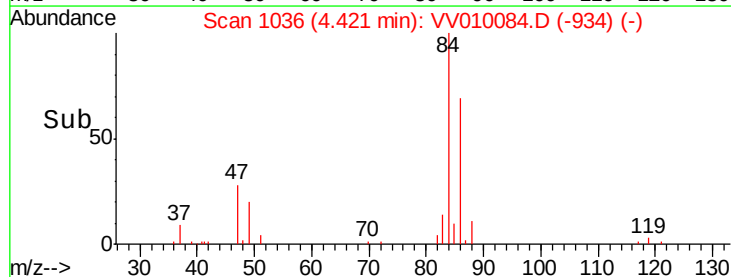
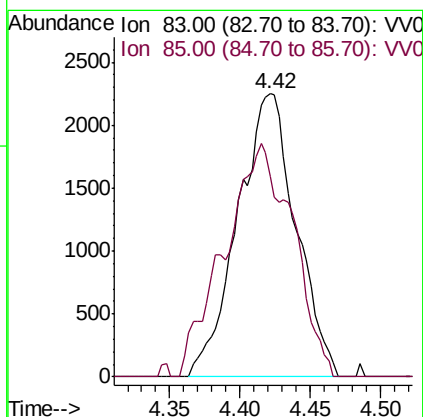
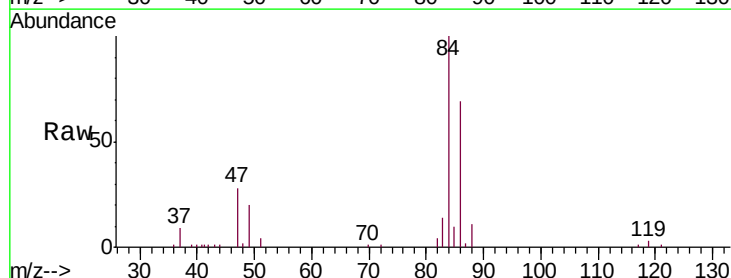
Instrument :
MSVOA_V
ClientSampled :
BF5H2

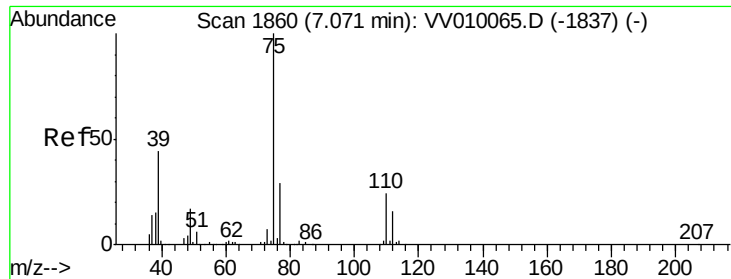
Tgt Ion: 84 Resp: 12724
Ion Ratio Lower Upper
84 100
49 109.3 84.3 156.5
86 54.8 45.4 84.2



#25
Chloroform
Concen: 1.099 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010084.D
Acq: 03 Apr 2019 03:11

Tgt Ion: 83 Resp: 6488
Ion Ratio Lower Upper
83 100
85 23.8 46.4 86.2#





#42

cis-1,3-Dichloropropene
 Concen: 0.604 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010084.D
 Acq: 03 Apr 2019 03:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5H2

Tgt Ion: 75 Resp: 2586
 Ion Ratio Lower Upper
 75 100
 77 37.0 22.1 41.1

