

Data File : VV010965.D
Acq On : 20 May 2019 18:38
Operator : SY/MD
Sample : K2846-06
Misc : 4.40G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHB5

Quant Time: May 21 04:06:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132708	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130324	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54300	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25155	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.52%
7) Chloroethane-d5	1.57	69	20232	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
10) 1,1-Dichloroethene-d2	2.12	63	39034	13.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.68%
20) 2-Butanone-d5	3.94	46	21656	41.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.96%
24) Chloroform-d	4.40	84	67806	19.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.88%
26) 1,2-Dichloroethane-d4	5.08	65	42031	20.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.00%
29) Benzene-d6	5.10	84	146357	20.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.28%
33) 1,2-Dichloropropane-d6	6.12	67	49668	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.88%
37) Toluene-d8	7.36	98	128570	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.76%
38) trans-1,3-Dichloropropene-	7.66	79	16968	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.12%
39) 2-Hexanone-d5	8.13	63	17565	41.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42190	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	47183	21.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.60%

Target Compounds

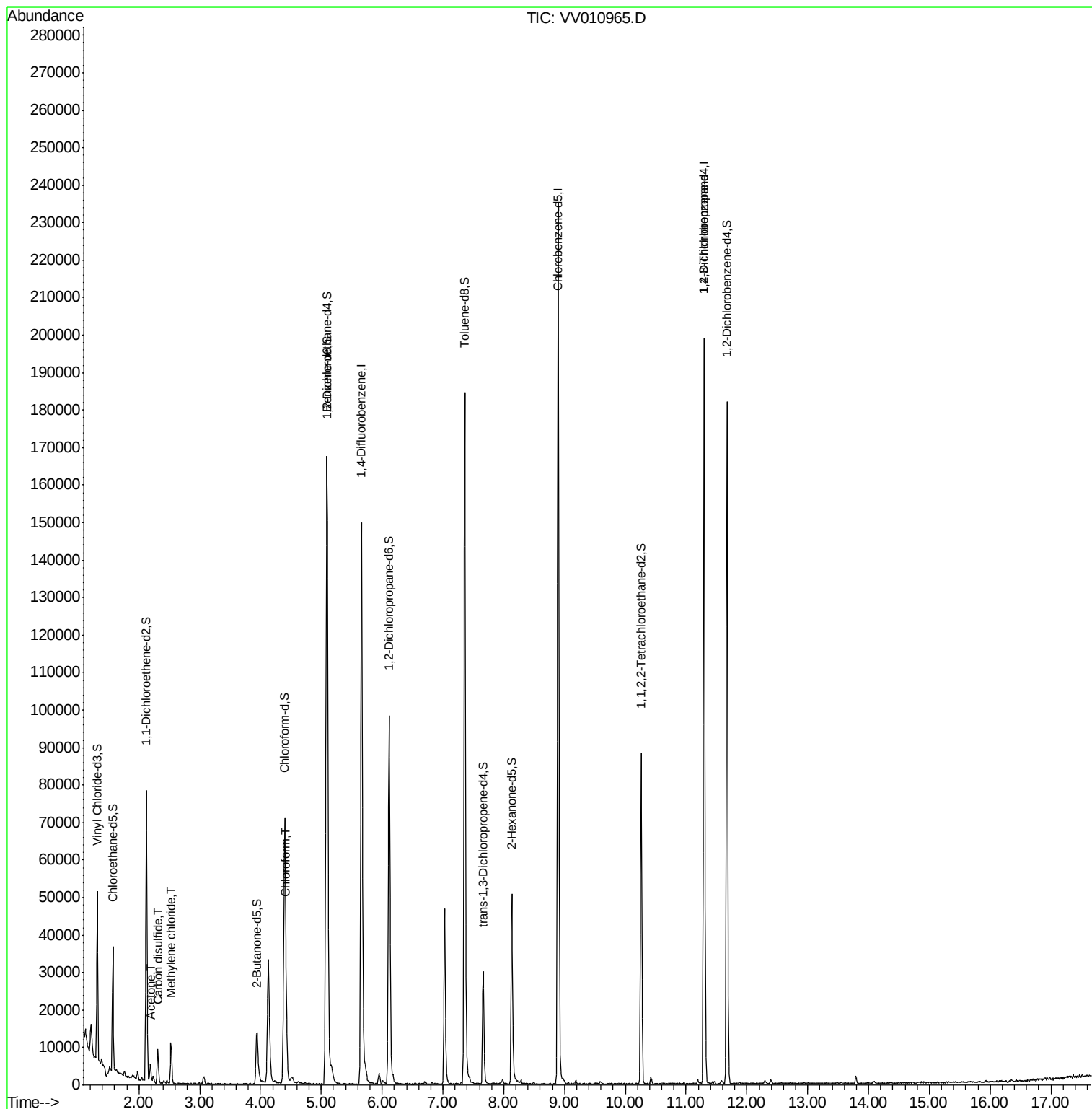
					Qvalue
13) Acetone	2.19	43	3741	7.431 ug/L	99
14) Carbon disulfide	2.31	76	7703	1.964 ug/L	99
16) Methylene chloride	2.53	84	4642	2.038 ug/L	95
25) Chloroform	4.43	83	7823	1.965 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	7502	4.610 ug/L	100

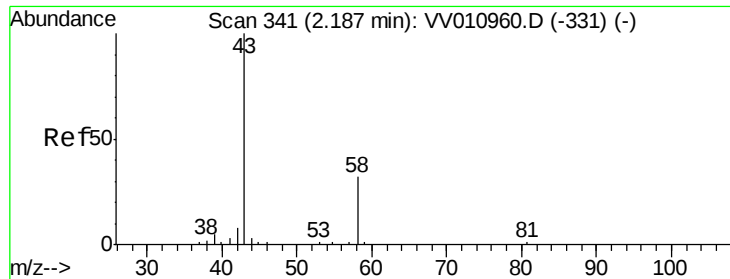
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.431 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 20 May 2019 18:38

Instrument :

MSVOA_V

ClientSampled :

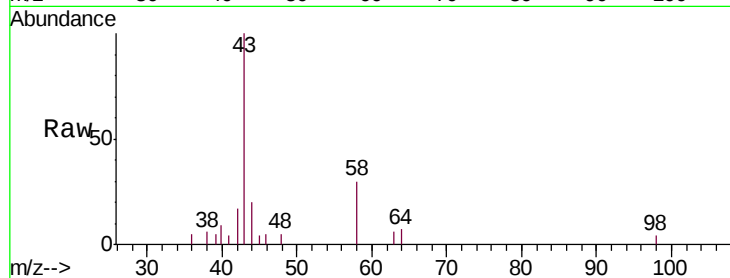
BFHB5

Tgt Ion: 43 Resp: 3741

Ion Ratio Lower Upper

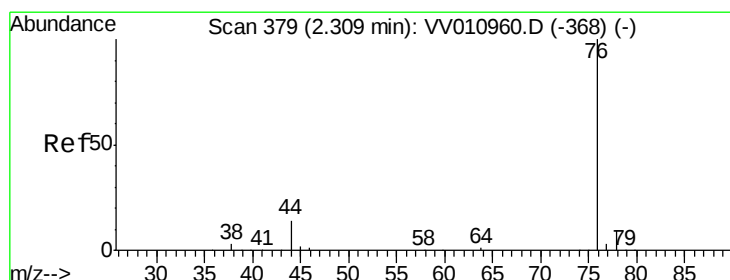
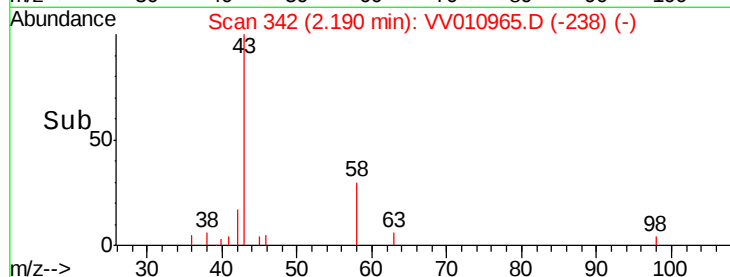
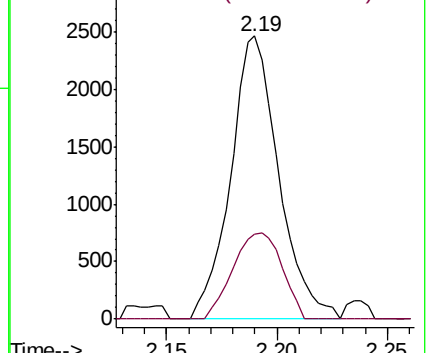
43 100

58 31.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010960.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010960.D (-331) (-)



#14

Carbon disulfide

Concen: 1.964 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV010965.D

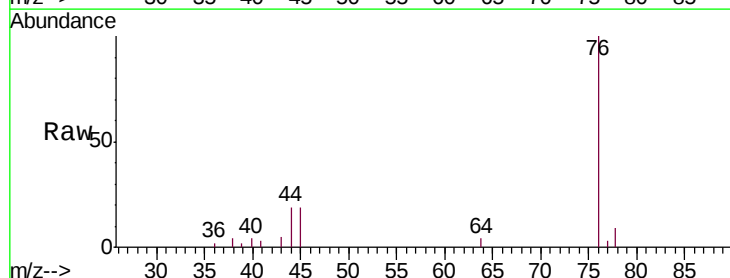
Acq: 20 May 2019 18:38

Tgt Ion: 76 Resp: 7703

Ion Ratio Lower Upper

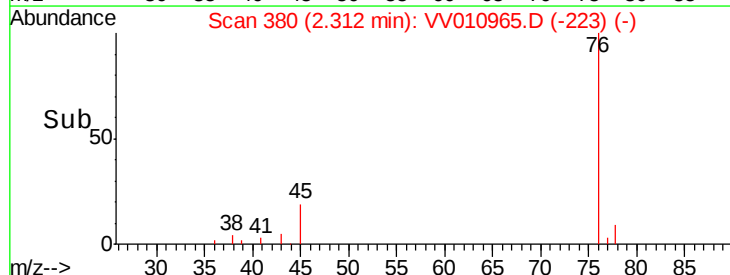
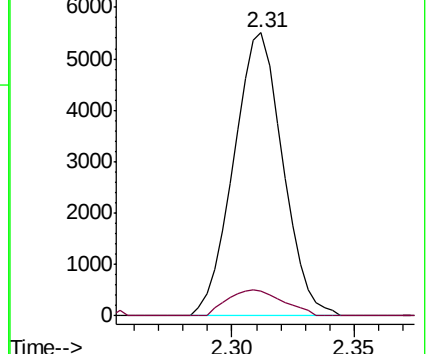
76 100

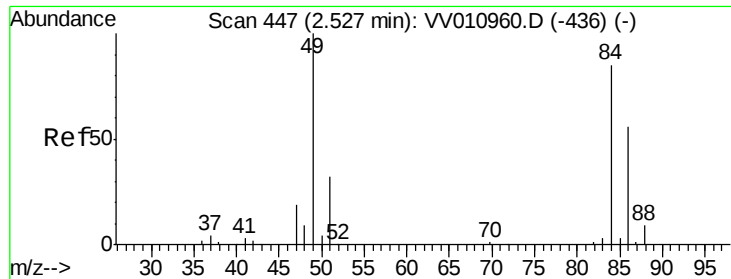
78 8.6 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010960.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV010960.D (-368) (-)

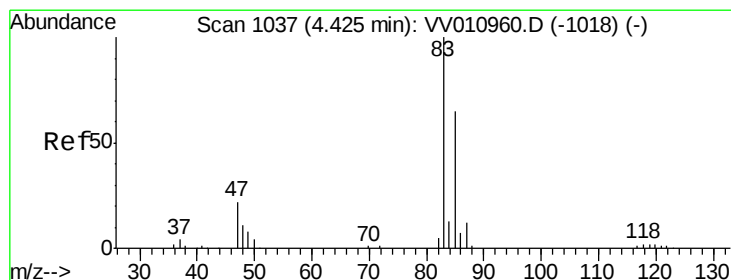
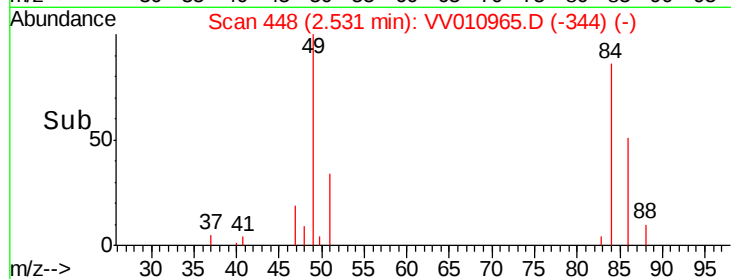
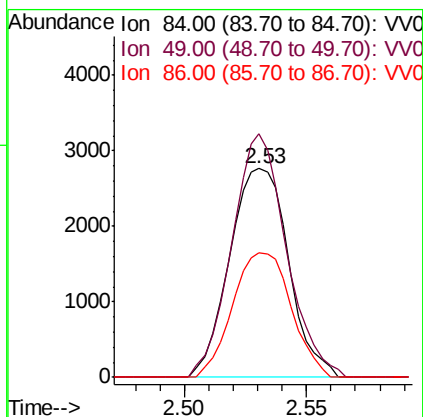
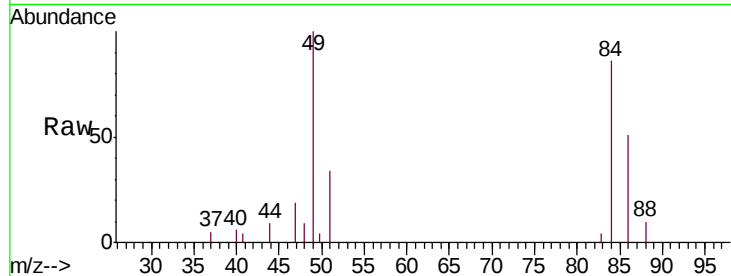




#16
Methylene chloride
Concen: 2.038 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010965.D
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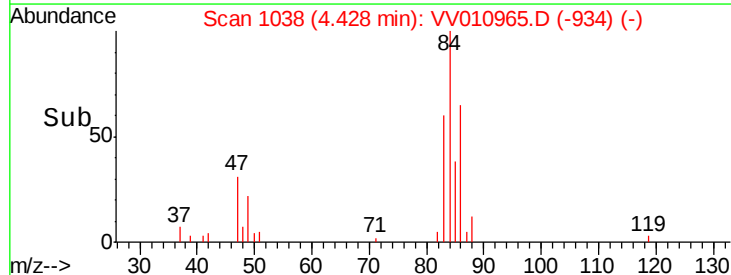
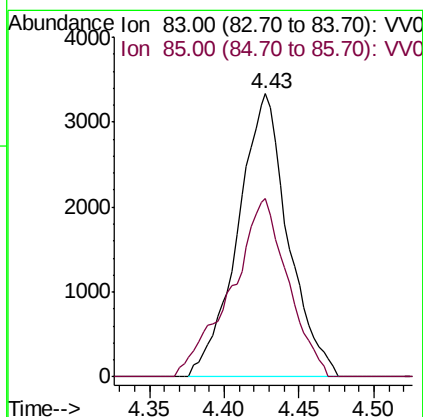
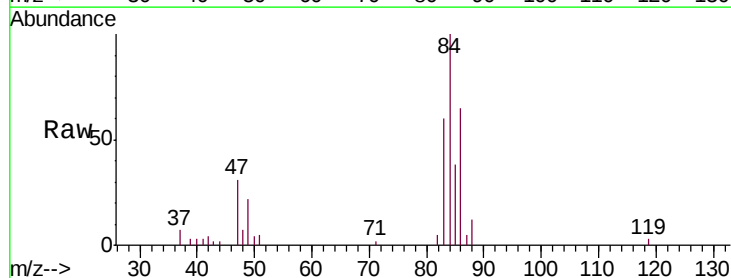
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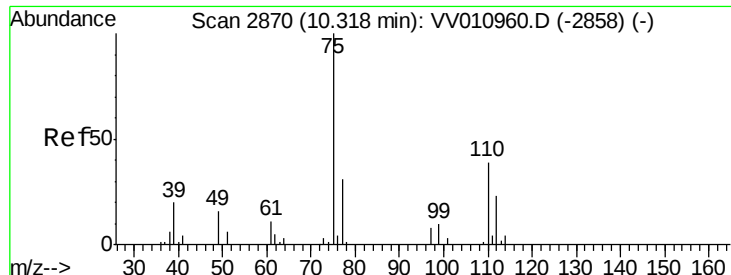
Tgt Ion: 84 Resp: 4642
Ion Ratio Lower Upper
84 100
49 116.7 77.4 143.8
86 59.6 44.0 81.6



#25
Chloroform
Concen: 1.965 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010965.D
Acq: 20 May 2019 18:38

Tgt Ion: 83 Resp: 7823
Ion Ratio Lower Upper
83 100
85 70.7 45.6 84.8





#59
 1,2,3-Trichloropropane
 Concen: 4.610 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010965.D
 Acq: 20 May 2019 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHB5

Tgt Ion: 75 Resp: 7502
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2

