

Data File : VV010921.D
Acq On : 16 May 2019 03:48
Operator : SY/MD
Sample : K2846-04
Misc : 5.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHB2

Quant Time: May 16 09:25:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134582	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	123273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31050	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
7) Chloroethane-d5	1.56	69	26909	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	2.12	63	47517	14.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.56%
20) 2-Butanone-d5	3.93	46	25955	48.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.22%
24) Chloroform-d	4.39	84	81731	21.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	5.08	65	48149	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	5.09	84	165022	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	6.11	67	55809	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.56%
37) Toluene-d8	7.36	98	137652	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	7.66	79	15039	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.36%
39) 2-Hexanone-d5	8.13	63	16888	40.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43016	21.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	40253	23.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.44%

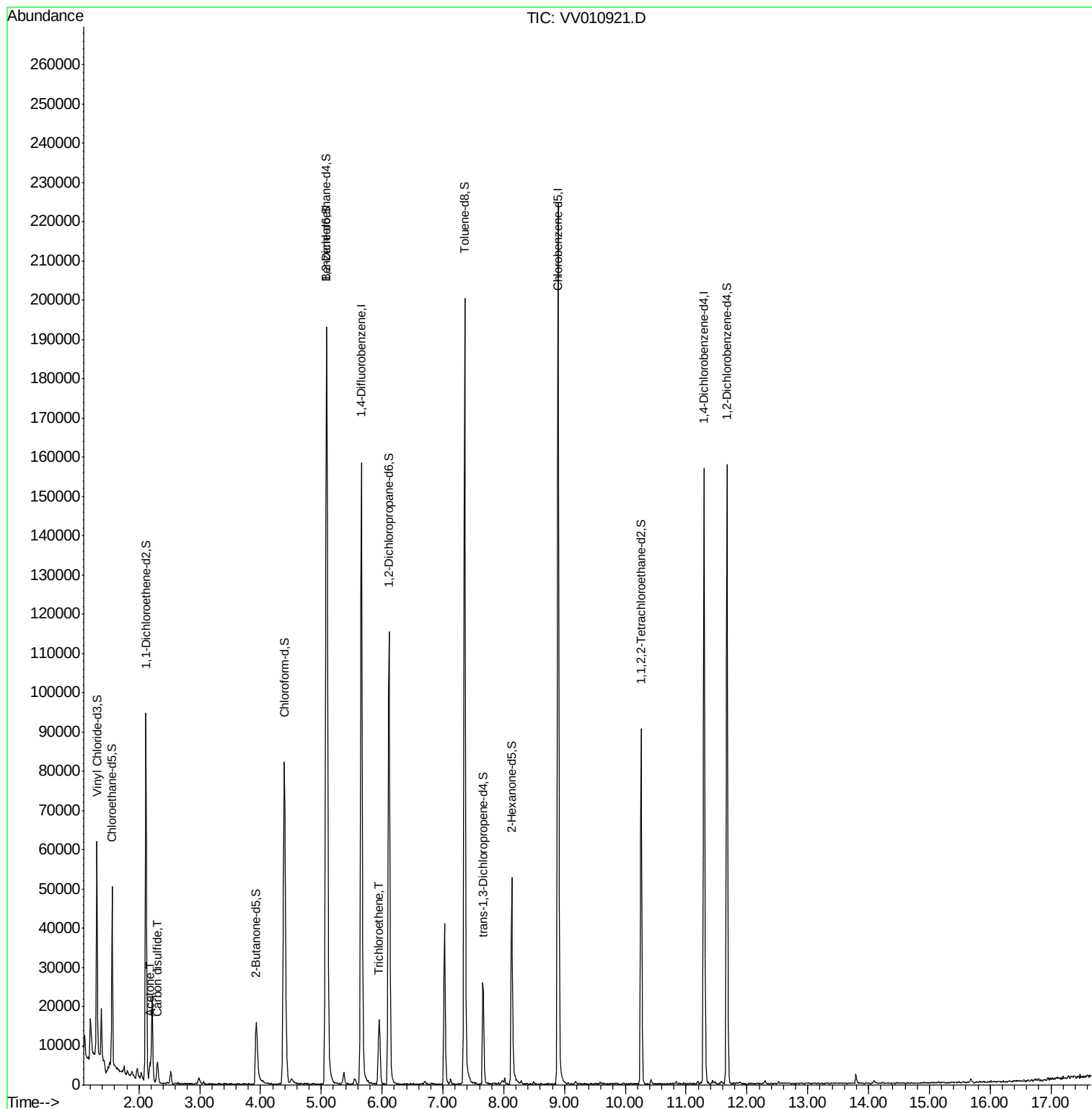
Target Compounds					Qvalue
13) Acetone	2.18	43	4152	7.556 ug/L	99
14) Carbon disulfide	2.30	76	3978	0.852 ug/L #	89
35) Trichloroethene	5.96	95	4740	2.545 ug/L	97

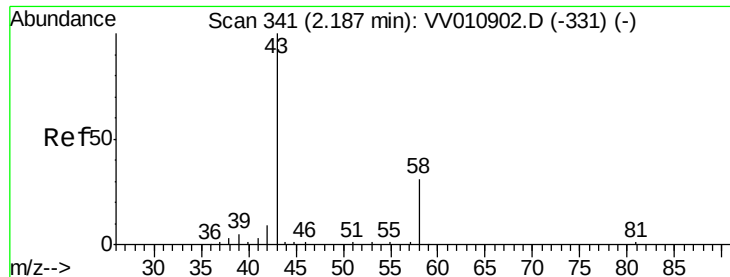
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.556 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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ClientSampleId :

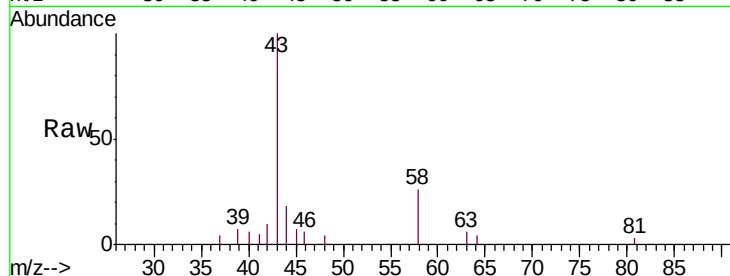
BFHB2

Tgt Ion: 43 Resp: 4152

Ion Ratio Lower Upper

43 100

58 35.3 0.0 69.2

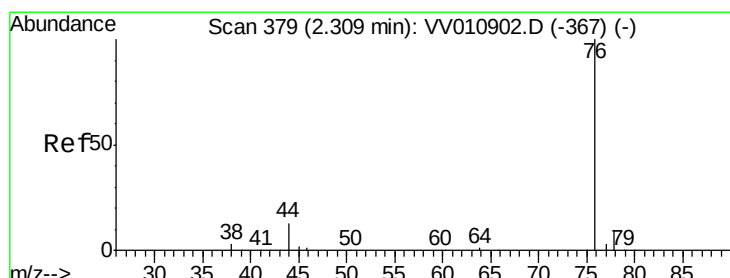
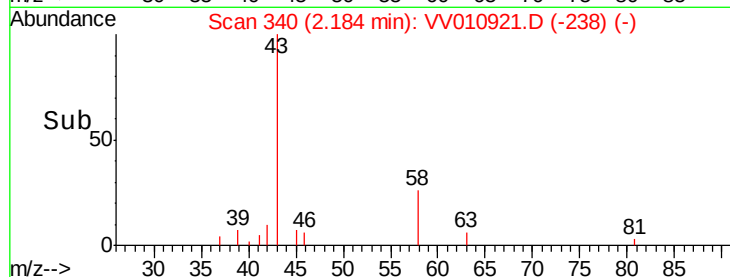


Abundance Ion 43.00 (42.70 to 43.70): VV010921.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010921.D (-238) (-)

Time-->

2.15 2.20



#14

Carbon disulfide

Concen: 0.852 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.01 min

Lab File: VV010921.D

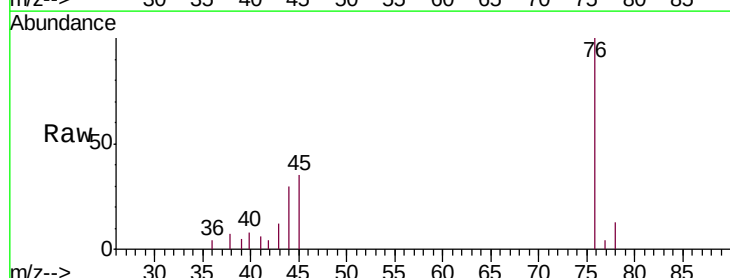
Acq: 16 May 2019 03:48

Tgt Ion: 76 Resp: 3978

Ion Ratio Lower Upper

76 100

78 12.8 7.2 10.8#

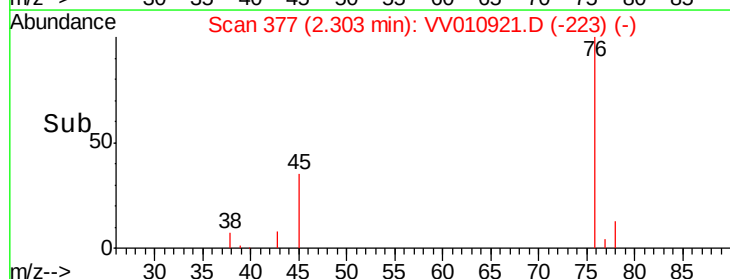


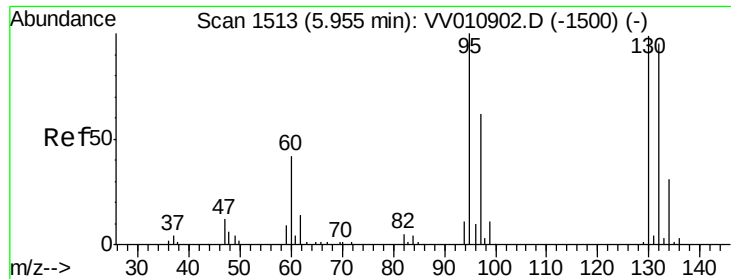
Abundance Ion 76.00 (75.70 to 76.70): VV010921.D (-223) (-)

Ion 78.00 (77.70 to 78.70): VV010921.D (-223) (-)

Time-->

2.25 2.30 2.35





#35

Trichloroethene

Concen: 2.545 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV010921.D

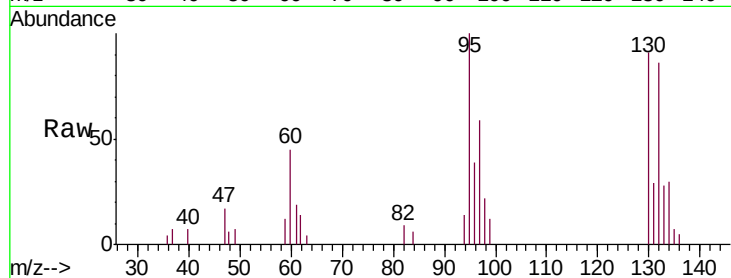
Acq: 16 May 2019 03:48

Instrument :

MSVOA_V

ClientSampleId :

BFHB2



Tgt Ion: 95 Resp: 4740

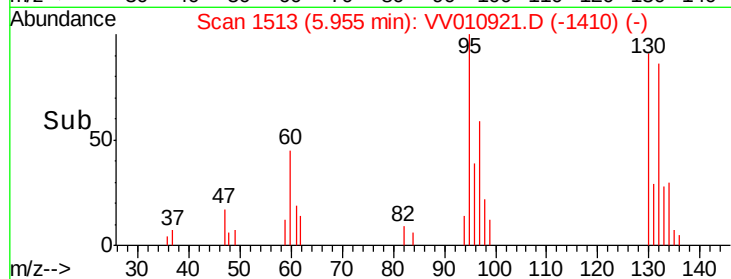
Ion Ratio Lower Upper

95 100

97 65.5 46.0 85.4

132 91.9 67.4 125.2

130 94.3 68.5 127.1



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): V

Ion 130.00 (129.70 to 130.70): V

