

Data File : VV010301.D
Acq On : 12 Apr 2019 22:26
Operator : SY/MD
Sample : K2303-19
Misc : 5.55G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF887

Quant Time: Apr 13 06:15:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	217294	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214493	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82062	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38512	15.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.60%
7) Chloroethane-d5	1.57	69	44780	20.83	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
10) 1,1-Dichloroethene-d2	2.13	63	83554	13.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.48%
20) 2-Butanone-d5	3.93	46	42530	67.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.38%
24) Chloroform-d	4.40	84	103414	20.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.36%
26) 1,2-Dichloroethane-d4	5.08	65	73790	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	5.10	84	213499	20.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.56%
33) 1,2-Dichloropropane-d6	6.12	67	70081	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	7.36	98	182640	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.44%
38) trans-1,3-Dichloropropene-	7.67	79	24485	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.36%
39) 2-Hexanone-d5	8.13	63	30754	57.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71799	26.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	69051	22.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.12%

Target Compounds

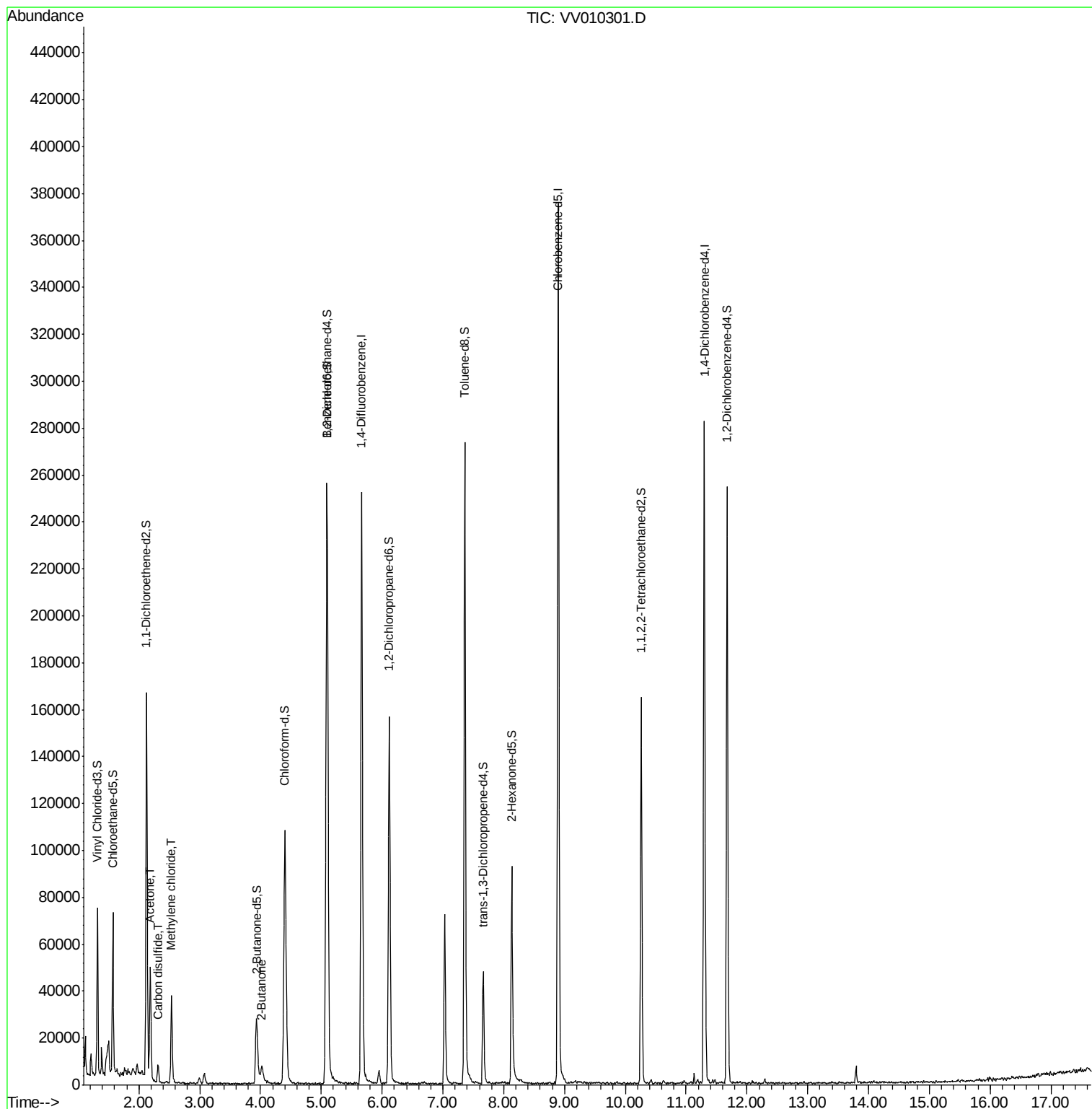
					Qvalue
13) Acetone	2.19	43	45982	67.988 ug/L	99
14) Carbon disulfide	2.32	76	5889	0.851 ug/L	96
16) Methylene chloride	2.53	84	15033	3.533 ug/L	97
21) 2-Butanone	4.02	43	11908	15.437 ug/L	100

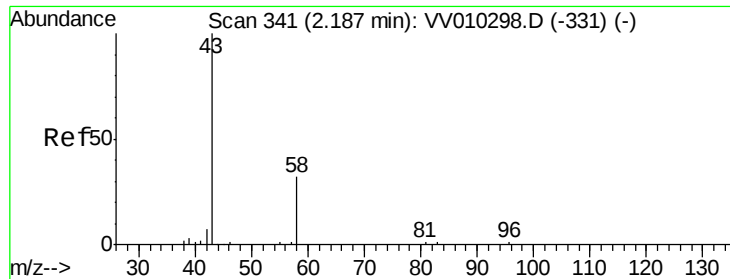
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010301.D
Acq On : 12 Apr 2019 22:26
Operator : SY/MD
Sample : K2303-19
Misc : 5.55G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF887

Quant Time: Apr 13 06:15:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration





#13

Acetone

Concen: 67.988 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010301.D

Acq: 12 Apr 2019 22:26

Instrument :

MSVOA_V

ClientSampleId :

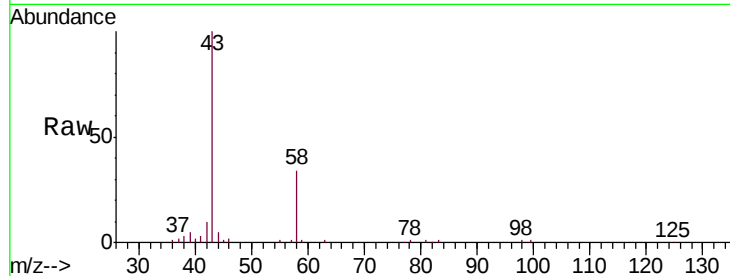
BF887

Tgt Ion: 43 Resp: 45982

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)

2.19

30000

20000

10000

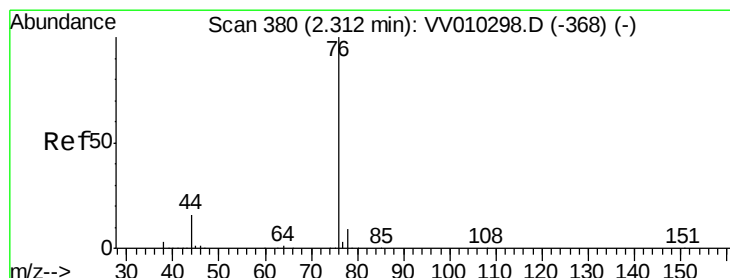
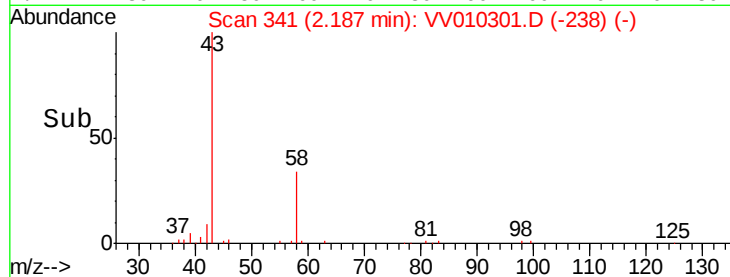
0

Time-->

2.15

2.20

2.25



#14

Carbon disulfide

Concen: 0.851 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV010301.D

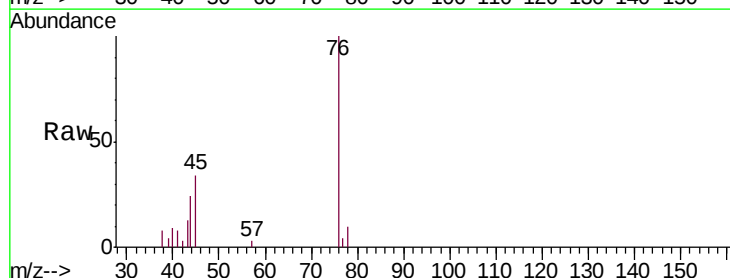
Acq: 12 Apr 2019 22:26

Tgt Ion: 76 Resp: 5889

Ion Ratio Lower Upper

76 100

78 10.2 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VV010298.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV010298.D (-368) (-)

2.32

4000

3000

2000

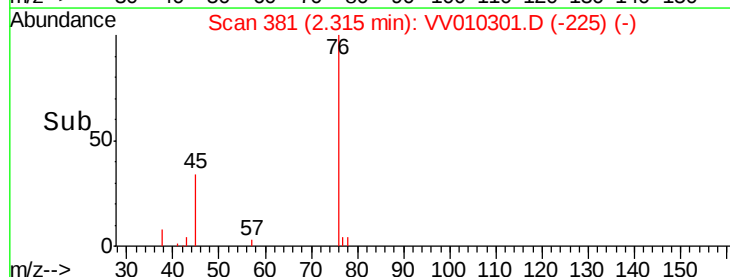
1000

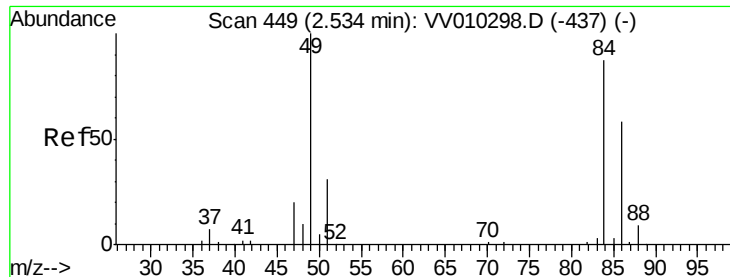
0

Time-->

2.30

2.35

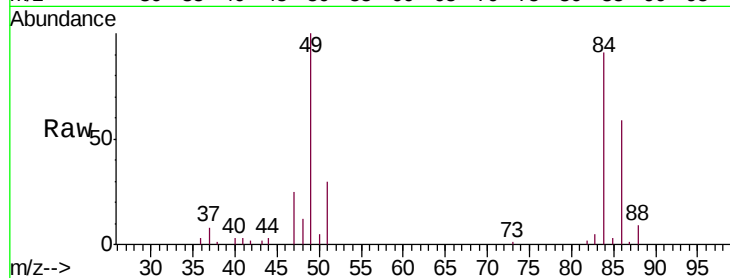




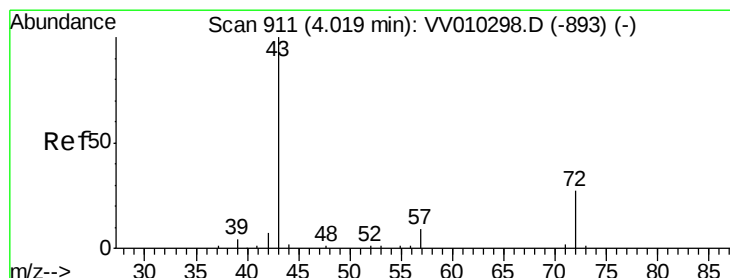
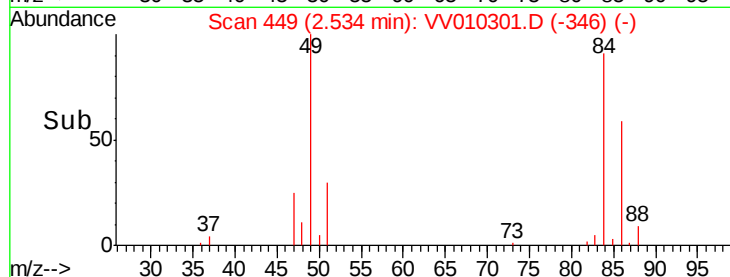
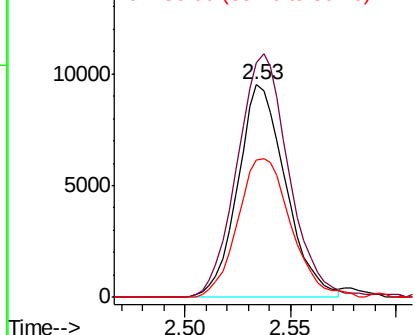
#16
Methylene chloride
Concen: 3.533 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010301.D
Acq: 12 Apr 2019 22:26

Instrument :
MSVOA_V
ClientSampleId :
BF887

Tgt Ion: 84 Resp: 15033
Ion Ratio Lower Upper
84 100
49 110.4 79.9 148.5
86 64.9 44.5 82.7

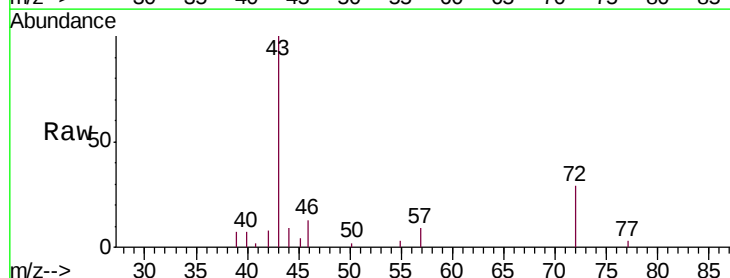


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0



#21
2-Butanone
Concen: 15.437 ug/L
RT: 4.02 min Scan# 912
Delta R.T. 0.00 min
Lab File: VV010301.D
Acq: 12 Apr 2019 22:26

Tgt Ion: 43 Resp: 11908
Ion Ratio Lower Upper
43 100
72 26.8 13.5 40.4



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0

