

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009650.D
 Acq On : 13 Mar 2019 21:49
 Operator : SY/MD
 Sample : K1794-13
 Misc : 4.24G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5N2

Quant Time: Mar 14 08:27:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 07:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95710	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	72460	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	15987	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17548	14.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.36%
7) Chloroethane-d5	1.57	69	26837	17.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.08%
10) 1,1-Dichloroethene-d2	2.13	63	34743	10.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.00%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.40	84	61601	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	40321	29.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.84%
29) Benzene-d6	5.10	84	96077	25.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.12%
33) 1,2-Dichloropropane-d6	6.12	67	41438	37.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.24%#
37) Toluene-d8	7.36	98	72663	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.04%
38) trans-1,3-Dichloropropene-	7.68	79	112	0.22	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.88%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27856	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	15525	25.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.28%

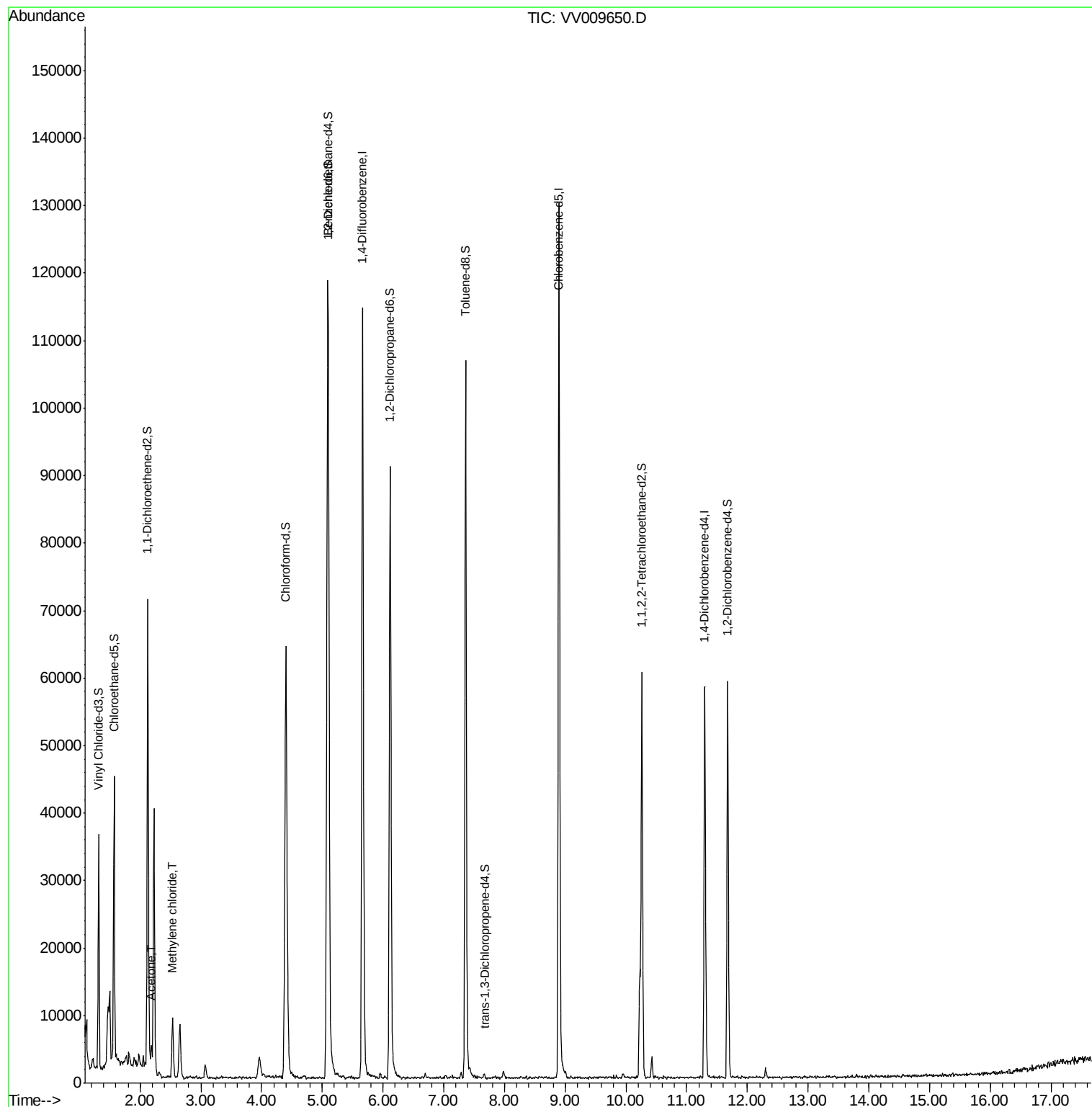
Target Compounds					Ovalue
13) Acetone	2.18	43	3678	9.518 ug/L	98
16) Methylene chloride	2.54	84	2984	2.142 ug/L	91

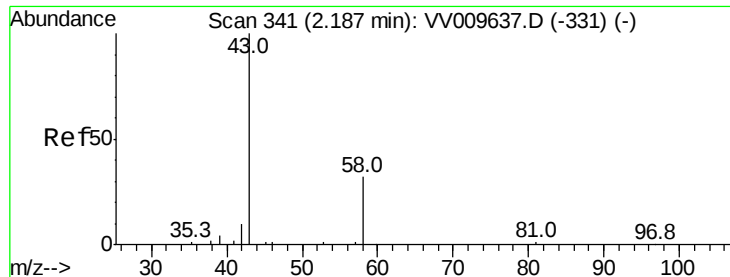
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.518 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV009650.D

Acq: 13 Mar 2019 21:49

Instrument :

MSVOA_V

ClientSampled :

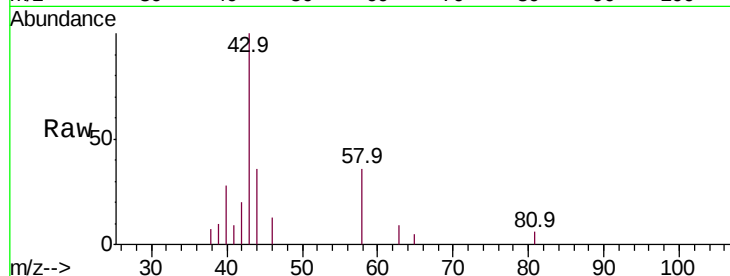
BF5N2

Tot Ion: 43 Resp: 3678

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009637.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009637.D (-331) (-)

2000

1500

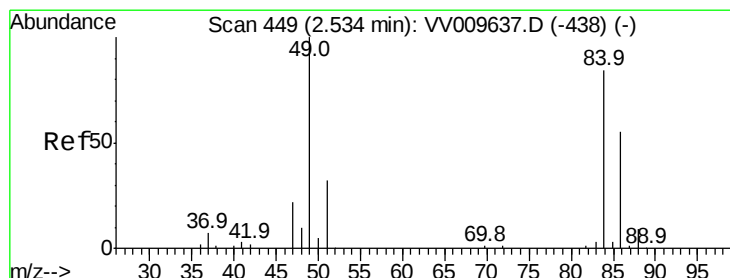
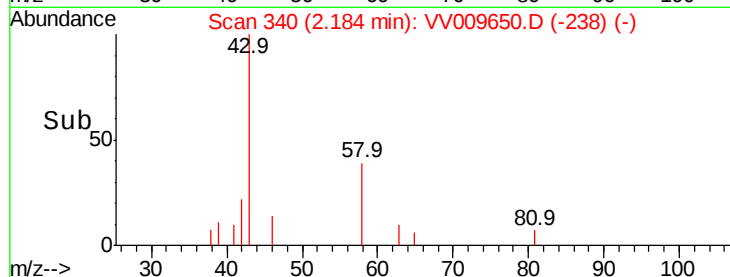
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 2.142 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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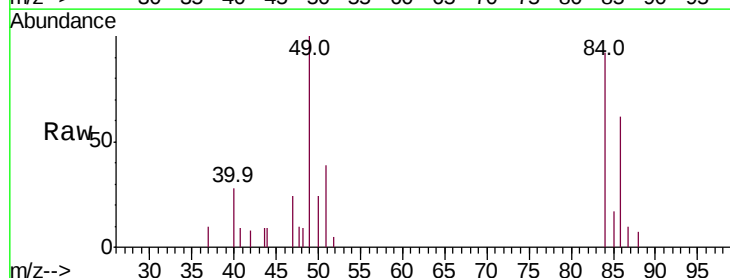
Tgt Ion: 84 Resp: 2984

Ion Ratio Lower Upper

84 100

49 109.0 86.1 159.9

86 67.3 45.2 84.0



Abundance Ion 84.00 (83.70 to 84.70): VV009637.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009637.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009637.D (-438) (-)

2500

2000

1500

1000

500

0

2.50 2.55

Time-->

