

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010079.D
 Acq On : 03 Apr 2019 01:00
 Operator : SY/MD
 Sample : K2148-16
 Misc : 2.35G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5J1

Quant Time: Apr 03 08:06:17 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	45473	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	38789	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9940	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5553	9.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.48%
7) Chloroethane-d5	1.58	69	10394	13.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.00%
10) 1,1-Dichloroethene-d2	2.13	63	12057	7.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.40%#
20) 2-Butanone-d5	4.25	46	43	0.25	ug/L	0.31
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.50%#
24) Chloroform-d	4.40	84	37028	32.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	129.28%
26) 1,2-Dichloroethane-d4	5.08	65	29314	45.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	182.96%#
29) Benzene-d6	5.10	84	58573	29.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.48%
33) 1,2-Dichloropropane-d6	6.12	67	24893	41.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	167.72%#
37) Toluene-d8	7.36	98	44559	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	7.67	79	654	2.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	10.32%#
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	19344	33.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.16%#
61) 1,2-Dichlorobenzene-d4	11.68	152	9771	25.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.92%

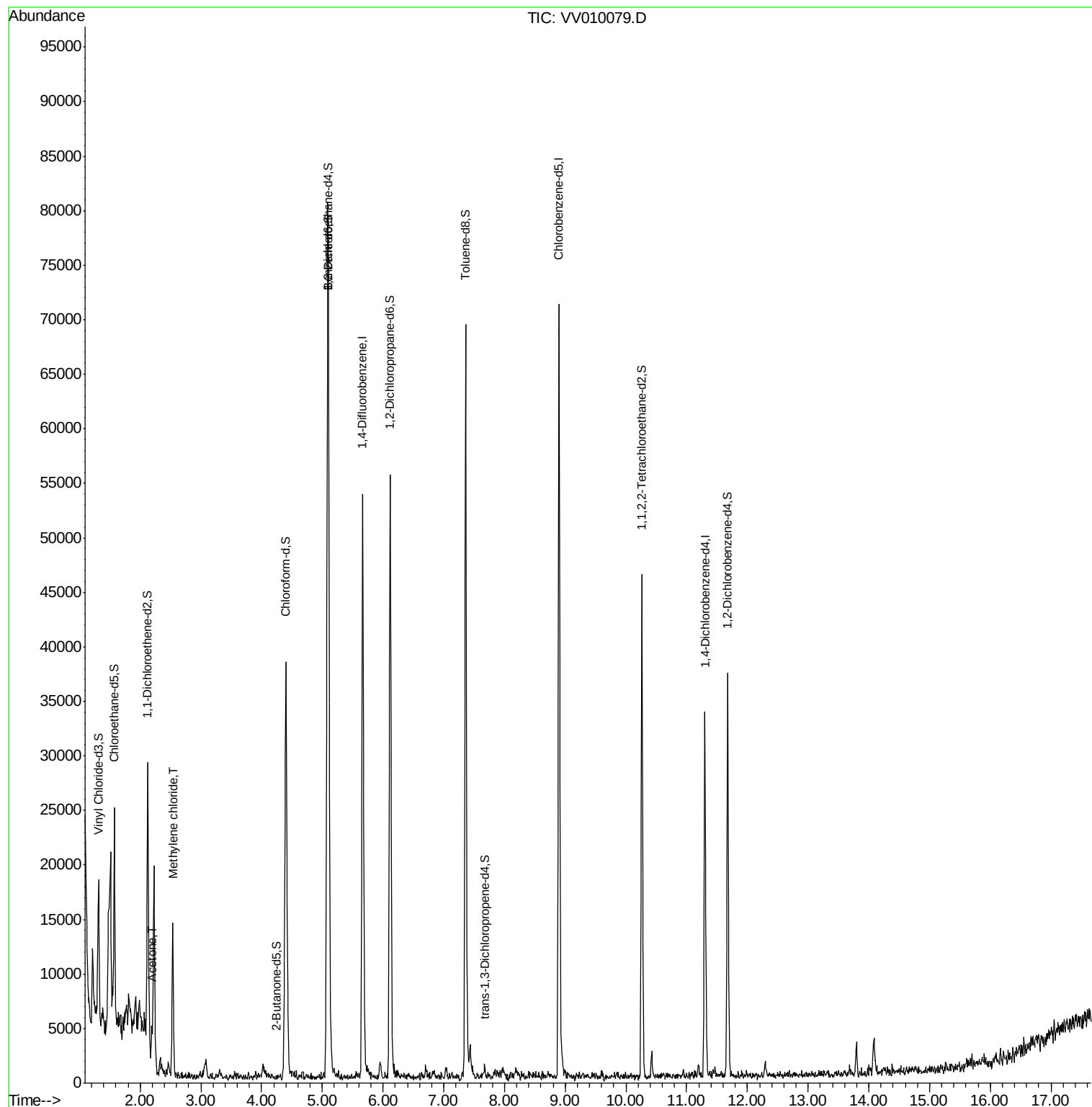
Target Compounds					Ovalue
13) Acetone	2.20	43	3462	20.214 ug/L	96
16) Methylene chloride	2.53	84	5530	6.922 ug/L	90

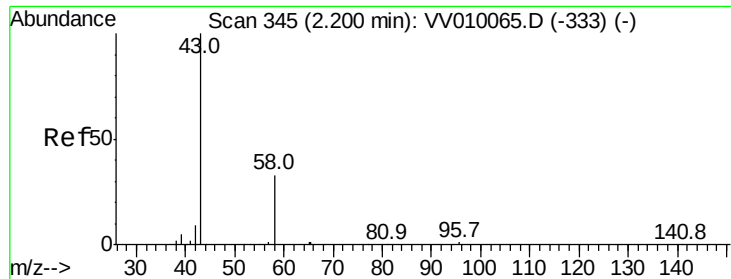
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.214 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010079.D

Acq: 03 Apr 2019 01:00

Instrument :

MSVOA_V

ClientSampled :

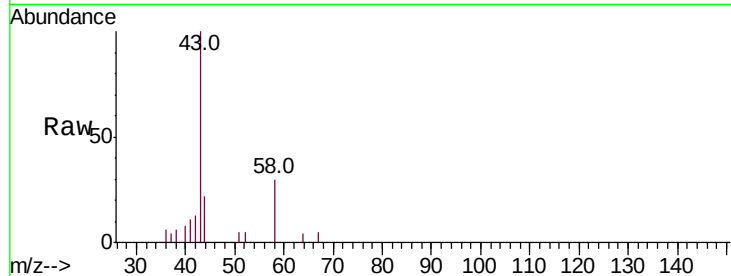
BF5J1

Tot Ion: 43 Resp: 3462

Ion Ratio Lower Upper

43 100

58 34.5 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

2500

2000

1500

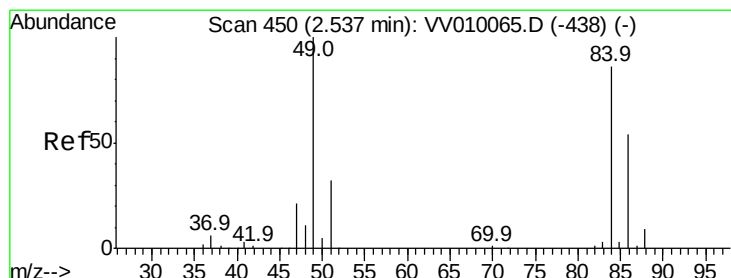
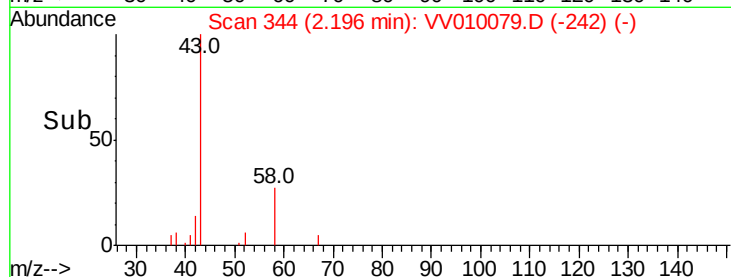
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 6.922 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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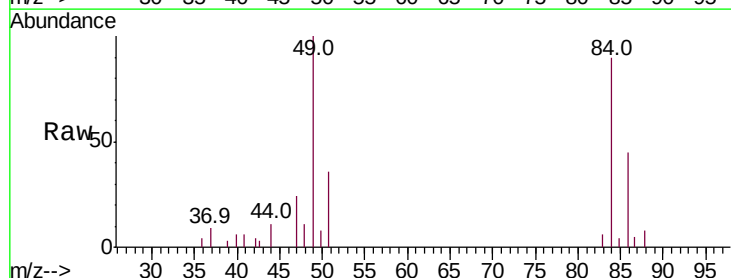
Tgt Ion: 84 Resp: 5530

Ion Ratio Lower Upper

84 100

49 110.8 84.3 156.5

86 55.0 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010065.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010065.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010065.D (-438) (-)

5000

4000

3000

2000

1000

0

2.50 2.53 2.55

Time-->

