

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\
 Data File : VV013061.D
 Acq On : 08 Oct 2019 15:40
 Operator : SY/MD
 Sample : K5262-07
 Misc : 5.63G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB73

Quant Time: Oct 09 09:13:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 08:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	500318	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	390869	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	106045	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152230	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.44%
7) Chloroethane-d5	1.58	69	153590	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
10) 1,1-Dichloroethene-d2	2.13	63	212427	16.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.84%
20) 2-Butanone-d5	3.94	46	137952	51.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.94%
24) Chloroform-d	4.40	84	323324	23.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	5.08	65	194581	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.44%
29) Benzene-d6	5.10	84	619603	28.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.56%
33) 1,2-Dichloropropane-d6	6.12	67	211227	30.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.52%#
37) Toluene-d8	7.36	98	462704	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.44%
38) trans-1,3-Dichloropropene-	7.66	79	59598	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.32%
39) 2-Hexanone-d5	8.13	63	78773	57.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	172401	26.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	104336	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

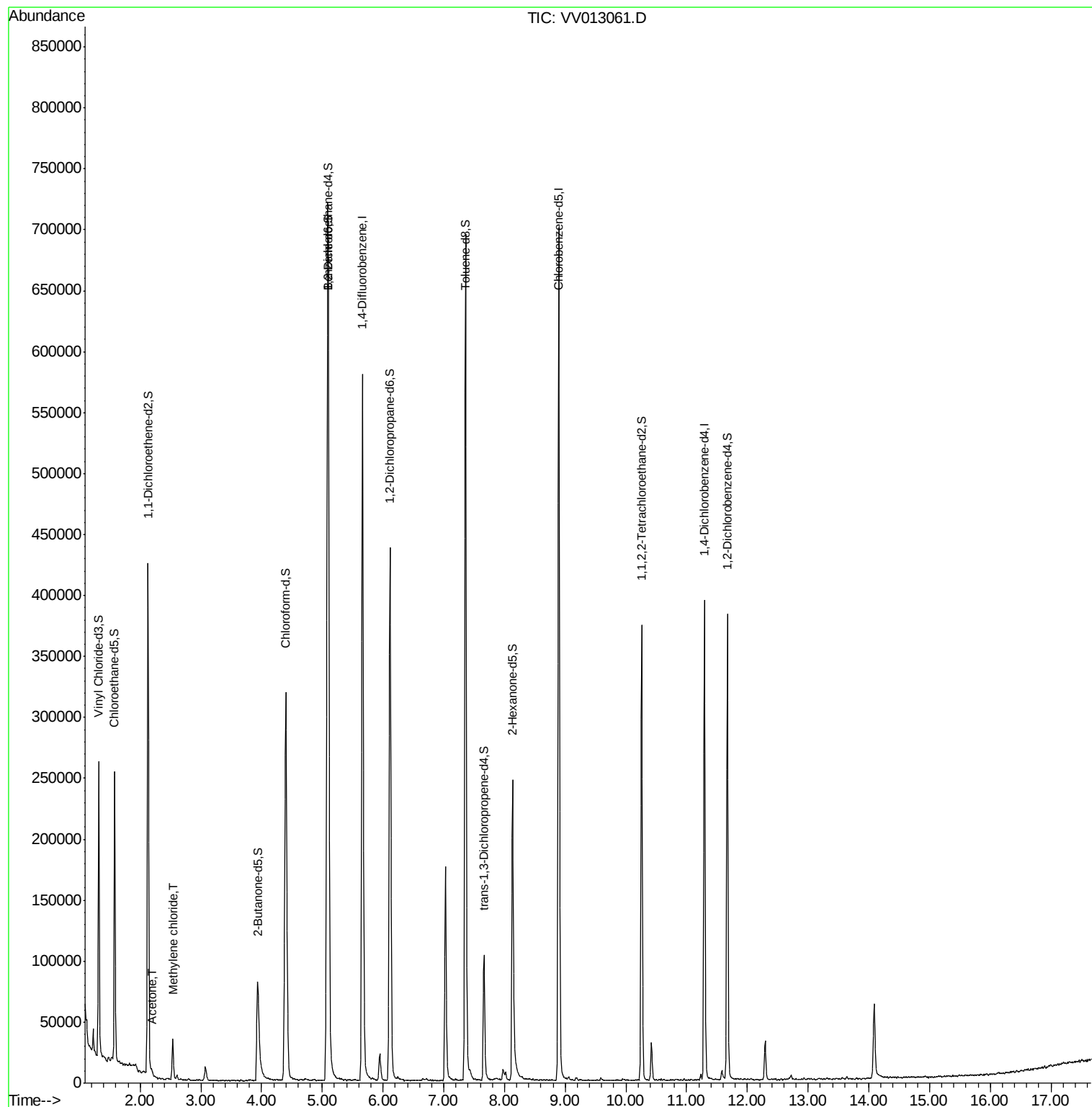
Target Compounds					Ovalue
13) Acetone	2.19	43	4093	1.437 ug/L	90
16) Methylene chloride	2.54	84	13913	1.860 ug/L	90

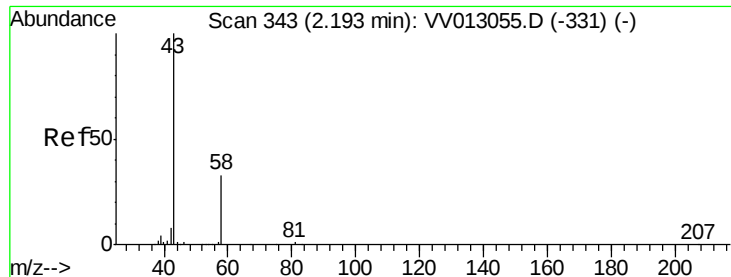
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.437 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV013061.D

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Instrument :

MSVOA_V

ClientSampled :

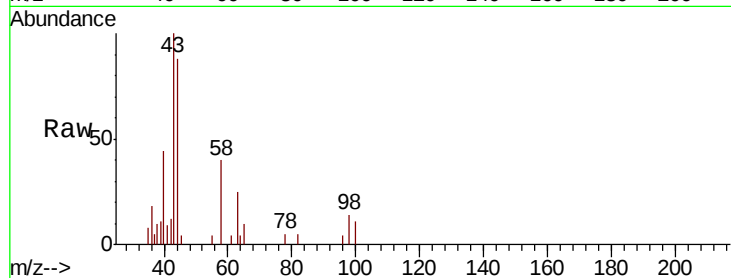
BFB73

Tot Ion: 43 Resp: 4093

Ion Ratio Lower Upper

43 100

58 38.2 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV013055.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV013055.D (-331) (-)

2.19

3000

2500

2000

1500

1000

500

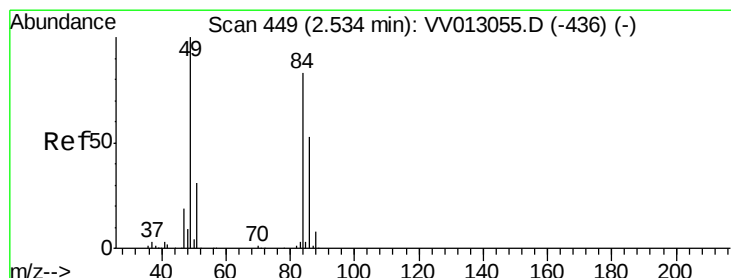
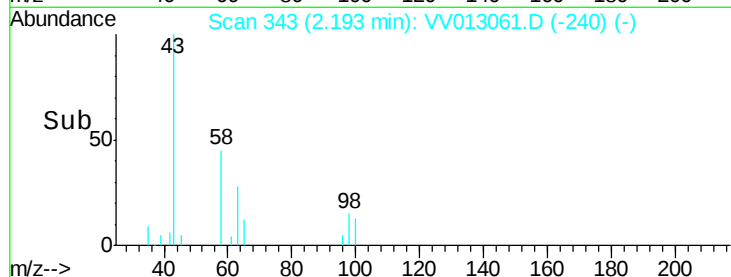
0

Time-->

2.15

2.20

2.25



#16

Methylene chloride

Concen: 1.860 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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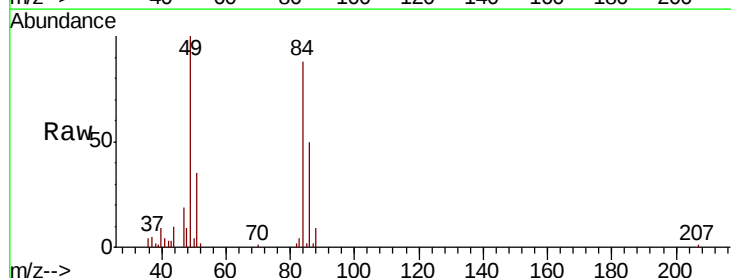
Tgt Ion: 84 Resp: 13913

Ion Ratio Lower Upper

84 100

49 113.6 88.3 164.1

86 56.9 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV013055.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV013055.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV013055.D (-436) (-)

2.54

10000

5000

0

Time-->

2.50

2.55

2.60

