

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010100.D
 Acq On : 03 Apr 2019 19:22
 Operator : SY/MD
 Sample : K2148-09RE
 Misc : 2.87G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G8RE

Quant Time: Apr 04 09:49:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247126	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70873	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
7) Chloroethane-d5	1.57	69	69429	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
10) 1,1-Dichloroethene-d2	2.13	63	146114	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	3.94	46	21988	23.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.72%
24) Chloroform-d	4.40	84	127654	20.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.08	65	78826	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.52%
29) Benzene-d6	5.10	84	290874	31.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.64%
33) 1,2-Dichloropropane-d6	6.12	67	84815	30.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.16%#
37) Toluene-d8	7.36	98	241724	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.52%
38) trans-1,3-Dichloropropene-	7.67	79	19429	16.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.00%
39) 2-Hexanone-d5	8.13	63	13822	25.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44010	16.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	33642	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

Target Compounds

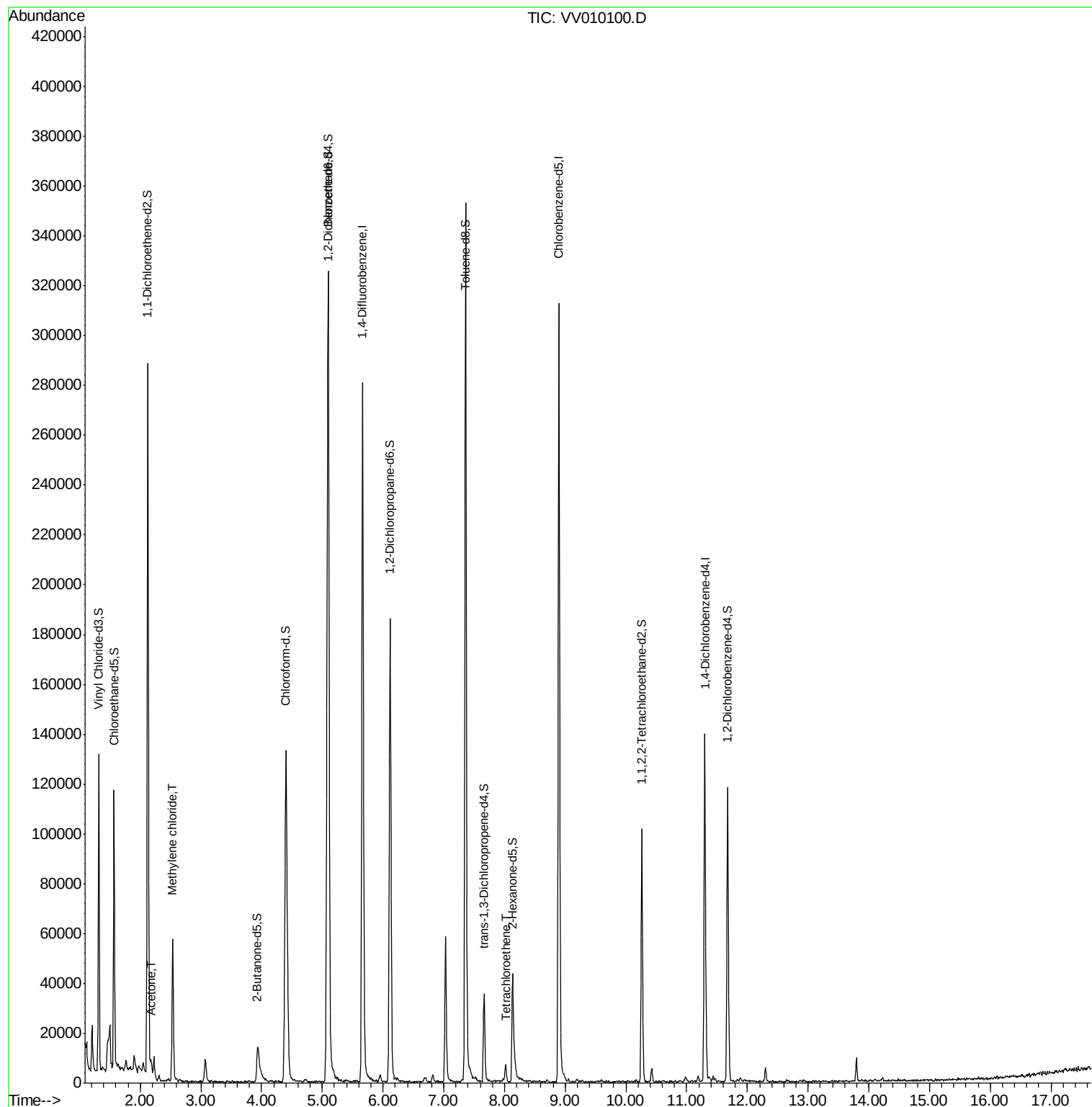
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	3029	3.254	ug/L	84
16) Methylene chloride	2.53	84	23575	5.430	ug/L	96
47) Tetrachloroethene	8.02	164	1498	0.706	ug/L	89

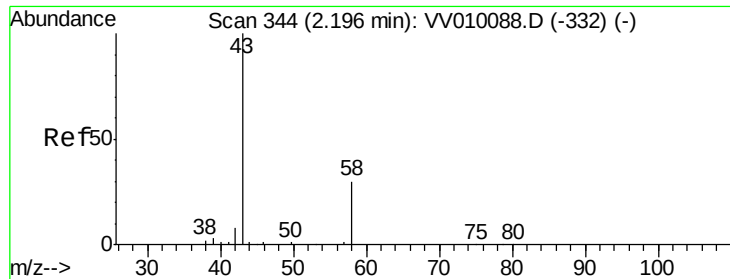
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010100.D
Acq On : 03 Apr 2019 19:22
Operator : SY/MD
Sample : K2148-09RE
Misc : 2.87G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5G8RE

Quant Time: Apr 04 09:49:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.254 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010100.D

Acq: 03 Apr 2019 19:22

Instrument :

MSVOA_V

ClientSampleId :

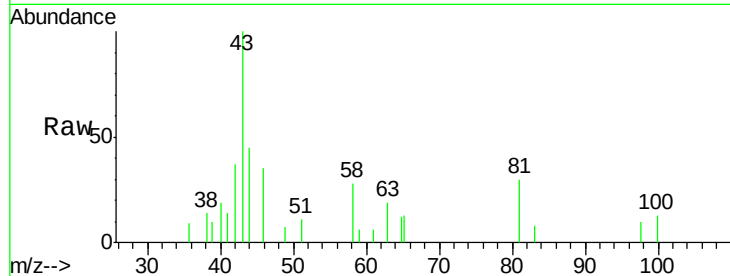
BF5G8RE

Tot Ion: 43 Resp: 3029

Ion Ratio Lower Upper

43 100

58 23.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010100.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010100.D (-332) (-)

2.19

1500

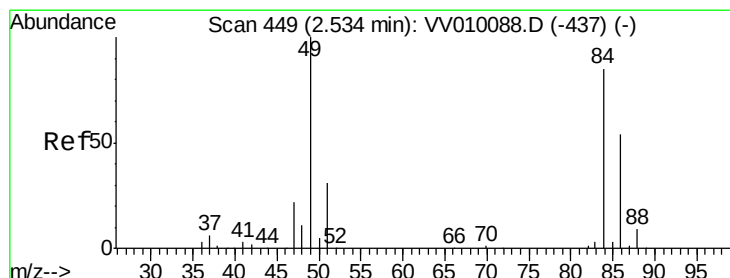
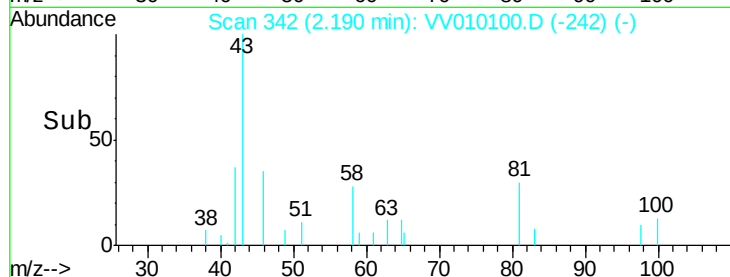
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 5.430 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010100.D

Acq: 03 Apr 2019 19:22

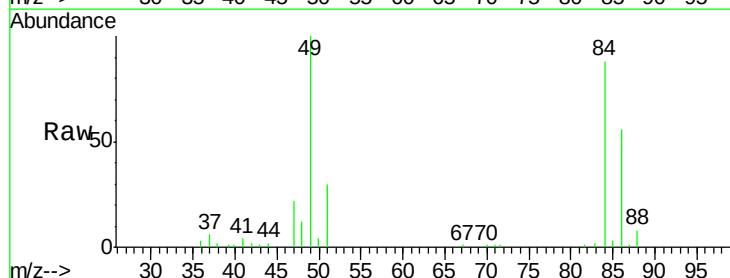
Tgt Ion: 84 Resp: 23575

Ion Ratio Lower Upper

84 100

49 113.9 84.3 156.5

86 64.0 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010100.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010100.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010100.D (-437) (-)

2.53

15000

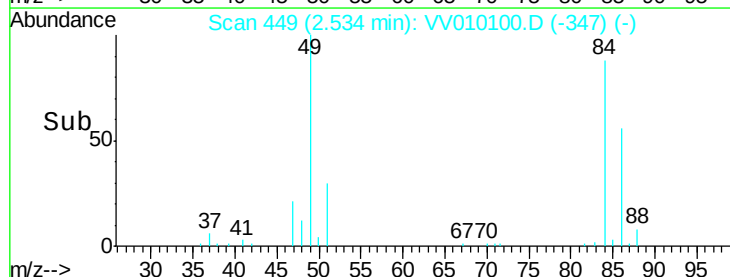
10000

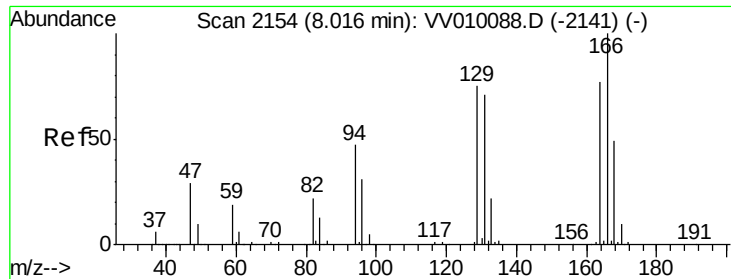
5000

0

2.45 2.50 2.55 2.60

Time-->





#47

Tetrachloroethene

Concen: 0.706 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV010100.D

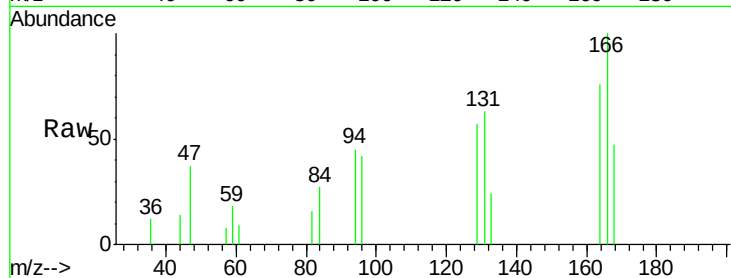
Acq: 03 Apr 2019 19:22

Instrument :

MSVOA_V

ClientSampleId :

BF5G8RE



Tot Ion:164 Resp: 1498

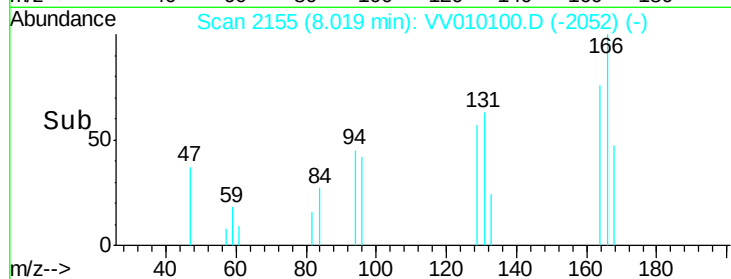
Ion Ratio Lower Upper

164 100

129 75.6 67.8 125.8

131 82.3 65.2 121.0

166 131.6 93.8 174.2



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

