

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010174.D
 Acq On : 08 Apr 2019 14:29
 Operator : SY/MD
 Sample : K2218-05
 Misc : 4.57G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z5

Quant Time: Apr 09 06:26:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	239514	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227420	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82382	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31547	9.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.36%
7) Chloroethane-d5	1.57	69	59834	15.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.08%
10) 1,1-Dichloroethene-d2	2.12	63	78189	9.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.68%#
20) 2-Butanone-d5	3.95	46	33119	36.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.60%
24) Chloroform-d	4.40	84	137305	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	91797	27.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.76%
29) Benzene-d6	5.10	84	269518	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	6.12	67	94495	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	7.36	98	235010	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.72%
38) trans-1,3-Dichloropropene-	7.67	79	27176	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	8.14	63	20839	29.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80633	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	76621	23.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.52%

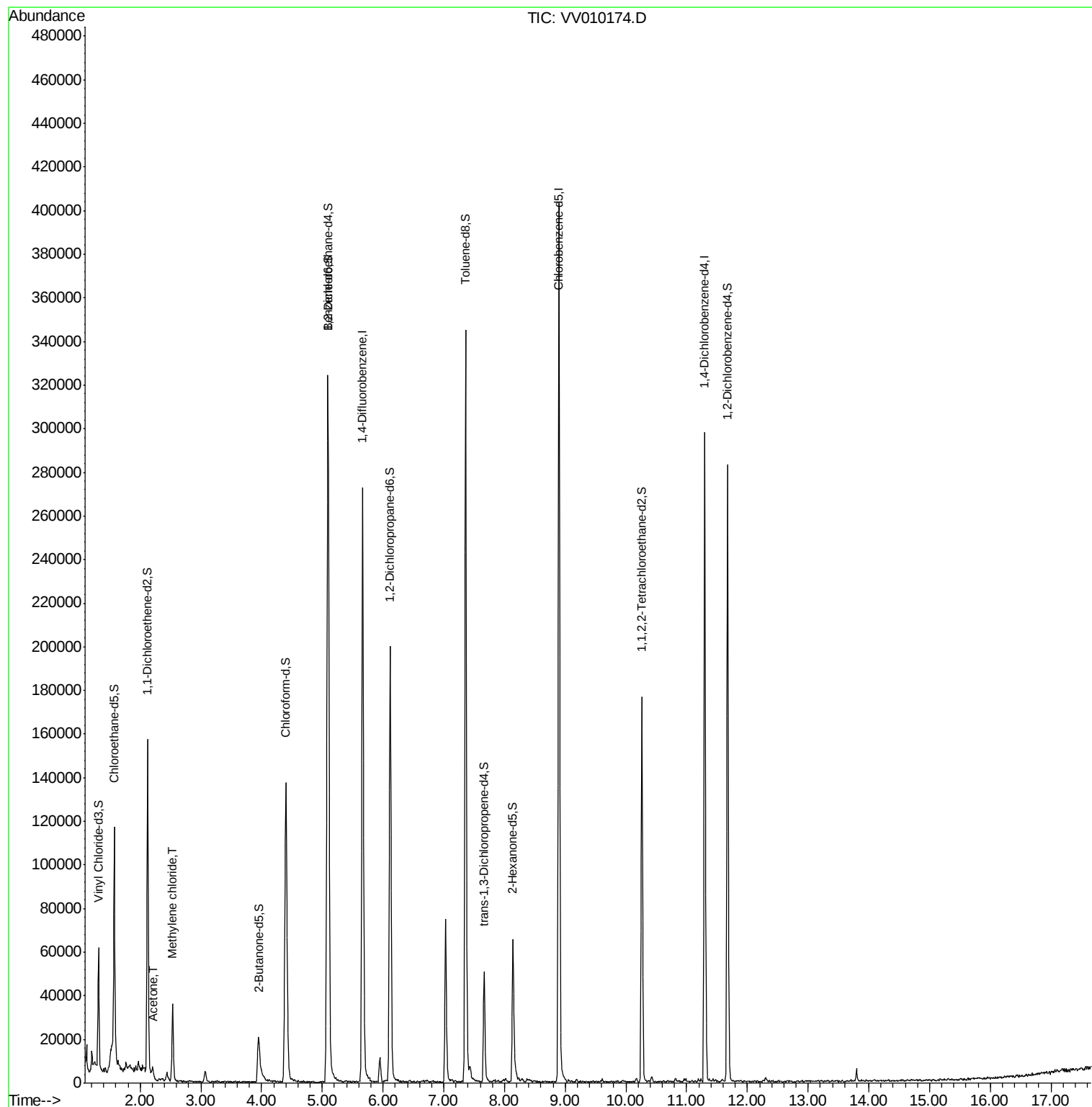
Target Compounds					Ovalue
13) Acetone	2.21	43	5862	6.498 ug/L	90
16) Methylene chloride	2.53	84	15259	3.626 ug/L	93

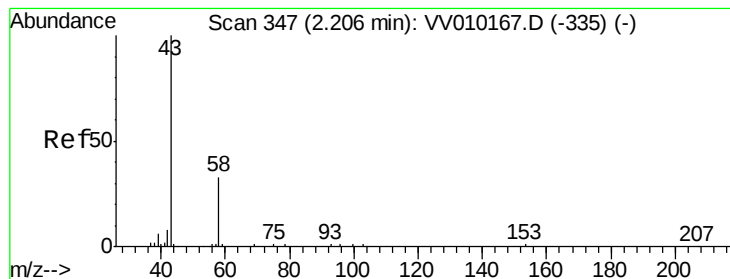
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.498 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

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ClientSampleId :

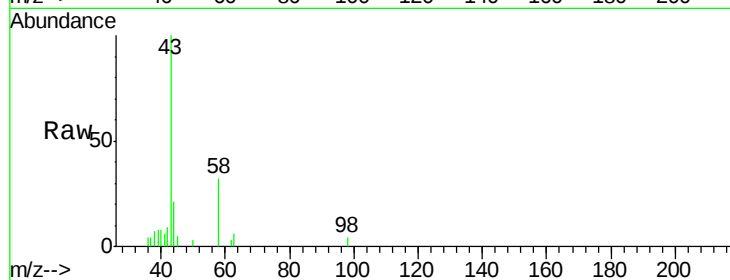
BF5Z5

Tot Ion: 43 Resp: 5862

Ion Ratio Lower Upper

43 100

58 37.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010167.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV010167.D (-335) (-)

2.21

4000

3000

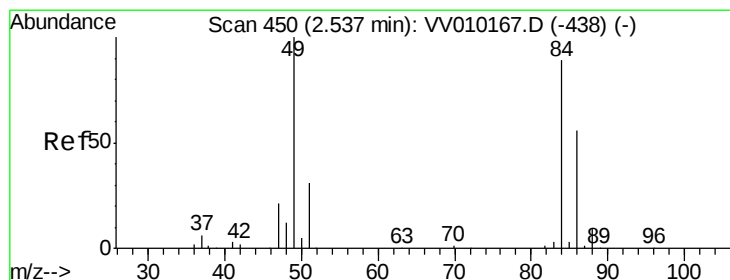
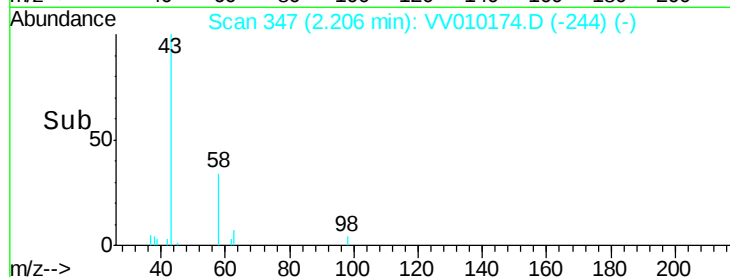
2000

1000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 3.626 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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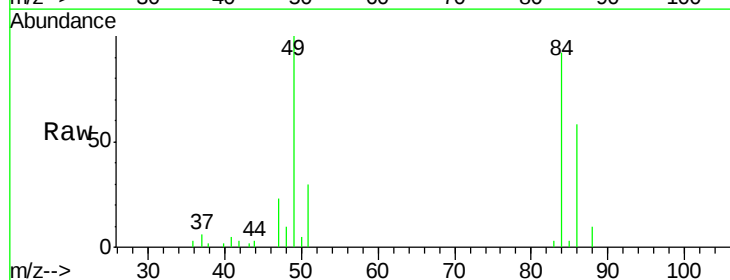
Tgt Ion: 84 Resp: 15259

Ion Ratio Lower Upper

84 100

49 108.8 84.3 156.5

86 63.2 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010167.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010167.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010167.D (-438) (-)

2.53

10000

5000

0

Time-->

2.50 2.55 2.60

