

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009654.D
 Acq On : 13 Mar 2019 23:35
 Operator : SY/MD
 Sample : K1794-17
 Misc : 3.79G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5P4

Quant Time: Mar 14 08:36:27 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	5.66	114	75547	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	68375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	18903	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6104	6.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.28%#
7) Chloroethane-d5	1.57	69	15033	12.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.44%
10) 1,1-Dichloroethene-d2	2.13	63	23151	8.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.48%#
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.40	84	51448	26.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.84%
26) 1,2-Dichloroethane-d4	5.08	65	35255	32.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.40%
29) Benzene-d6	5.10	84	91387	25.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.92%
33) 1,2-Dichloropropane-d6	6.12	67	36160	34.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.00%#
37) Toluene-d8	7.36	98	77399	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	7.67	79	2794	5.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	23.20%#
39) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27744	27.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	17657	24.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.44%

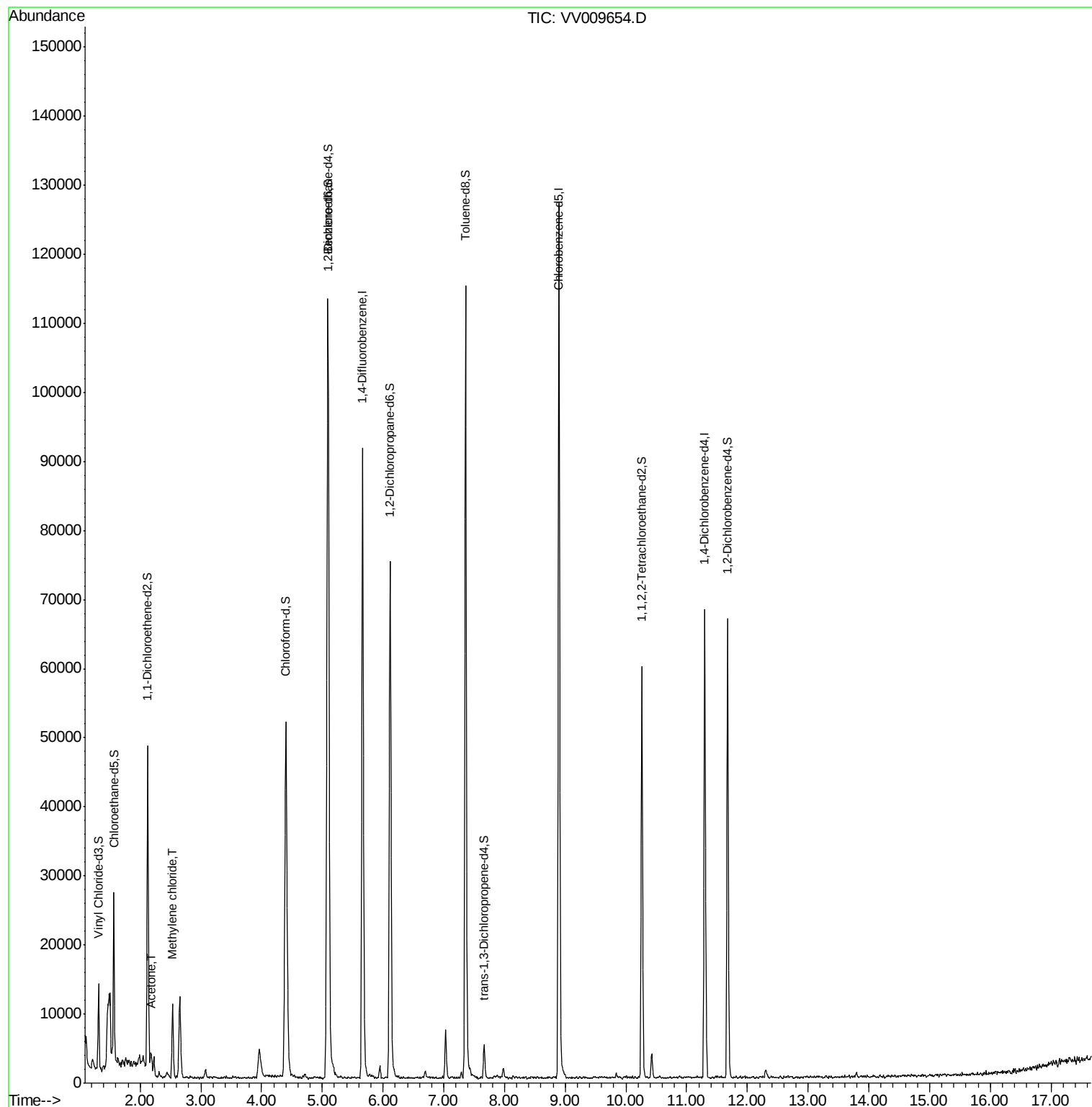
Target Compounds					Ovalue
13) Acetone	2.18	43	2496	8.183 ug/L	96
16) Methylene chloride	2.53	84	4245	3.860 ug/L	96

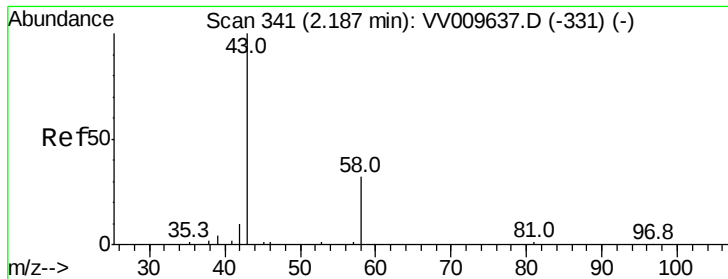
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.183 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV009654.D

Acq: 13 Mar 2019 23:35

Instrument :

MSVOA_V

ClientSampled :

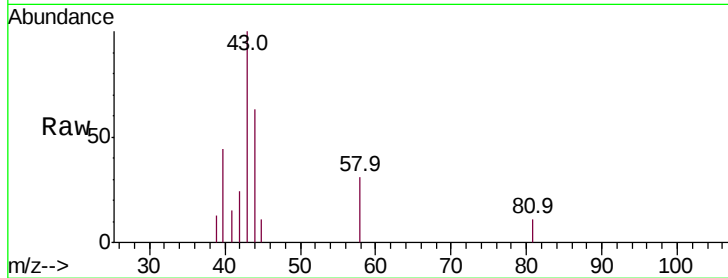
BF5P4

Tot Ion: 43 Resp: 2496

Ion Ratio Lower Upper

43 100

58 29.9 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) (-)

2.18

1500

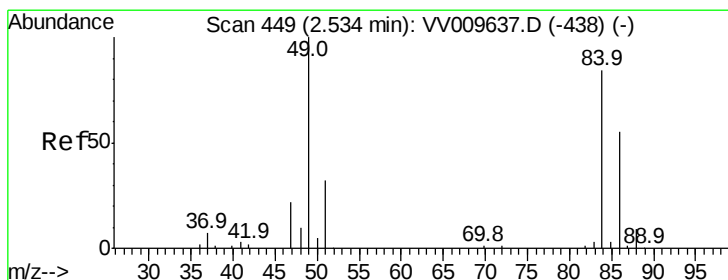
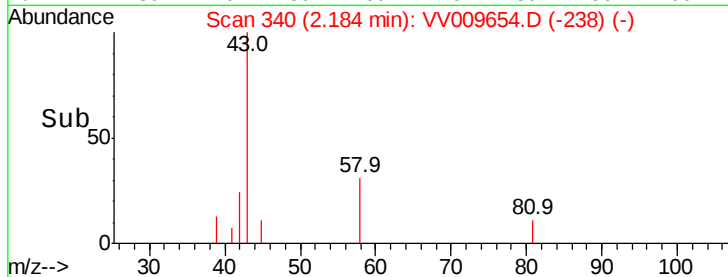
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 3.860 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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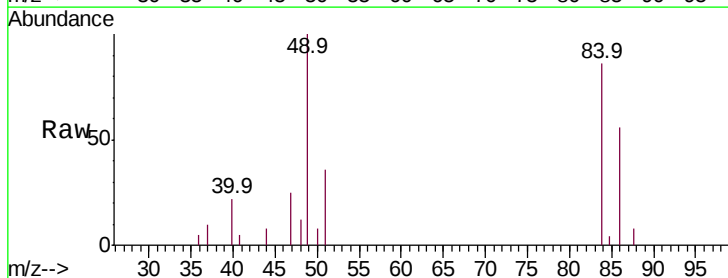
Tgt Ion: 84 Resp: 4245

Ion Ratio Lower Upper

84 100

49 116.1 86.1 159.9

86 64.9 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) (-)

4000

3000

2000

1000

0

2.50 2.55

Time-->

