

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\
 Data File : VU029709.D
 Acq On : 27 Feb 2019 16:53
 Operator : JC/SP
 Sample : K1625-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 28 02:47:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 28 00:50:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155171	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.18%
7) Chloroethane-d5	1.68	69	131179	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.72%
11) 1,1-Dichloroethene-d2	2.27	63	220593	33.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.32%
21) 2-Butanone-d5	4.17	46	269716	130.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.23%#
24) Chloroform-d	4.64	84	278621	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.31	65	174933	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.34	84	601965	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.22%
36) 1,2-Dichloropropane-d6	6.33	67	185526	55.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.86%
41) Toluene-d8	7.56	98	571808	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%
43) trans-1,3-Dichloropropene-	7.85	79	84367	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.31	63	240575	129.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284071	50.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	228608	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%

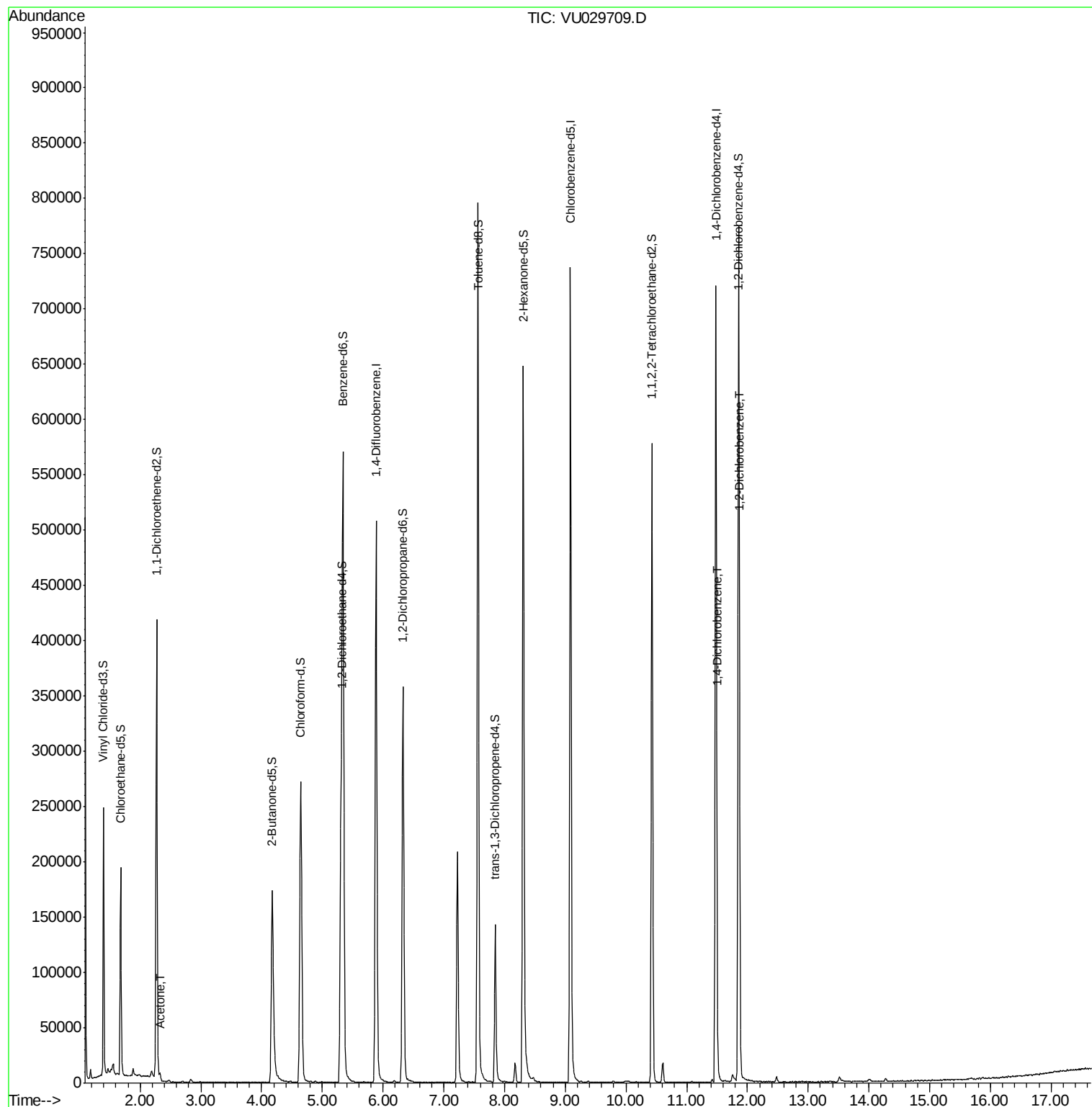
Target Compounds

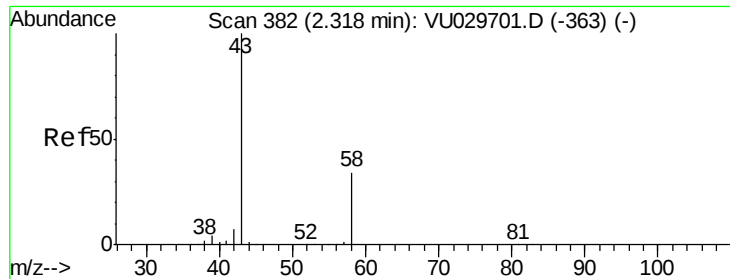
					Ovalue
13) Acetone	2.32	43	4536	2.050 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	8377	1.249 ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	9013	1.296 ug/L	99

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

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#13

Acetone

Concen: 2.050 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029709.D

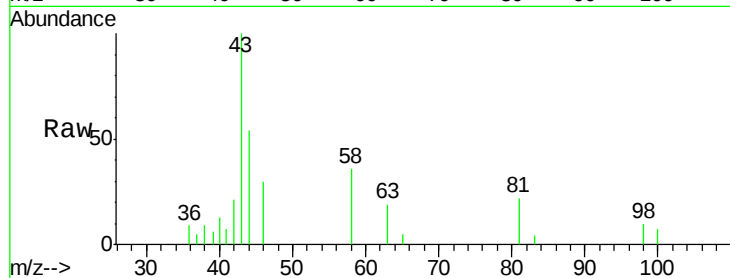
Acq: 27 Feb 2019 16:53

Tot Ion: 43 Resp: 4536

Ion Ratio Lower Upper

43 100

58 31.4 0.0 66.8



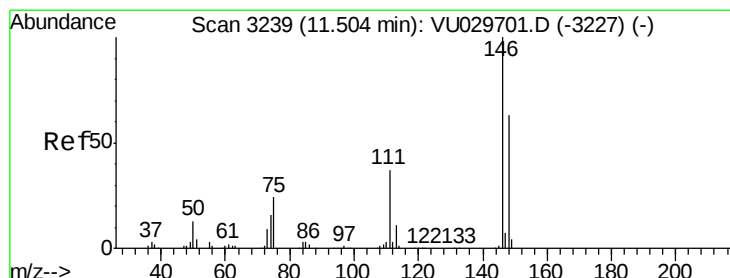
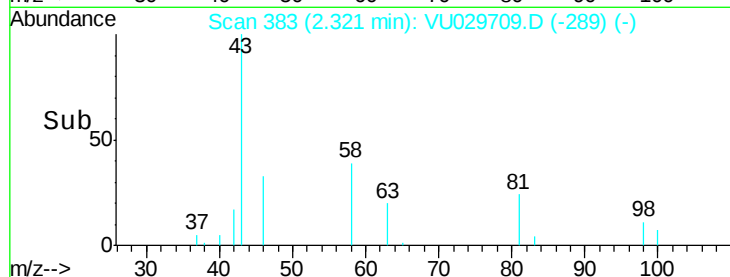
Abundance Ion 43.00 (42.70 to 43.70): VU029701.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU029701.D (-363) (-)

2.32

2.30 2.35

Time-->



#63

1,4-Dichlorobenzene

Concen: 1.249 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. -0.00 min

Lab File: VU029709.D

Acq: 27 Feb 2019 16:53

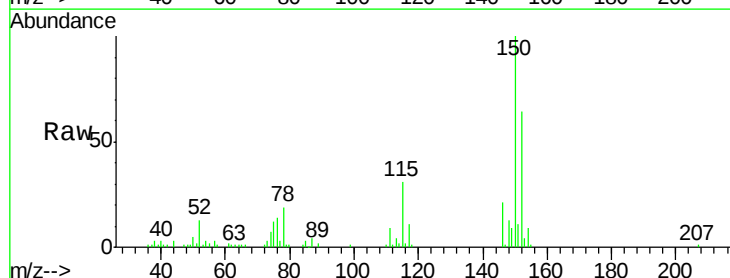
Tgt Ion: 146 Resp: 8377

Ion Ratio Lower Upper

146 100

111 39.9 25.1 46.5

148 59.2 45.0 83.6



Abundance Ion 146.00 (145.70 to 146.70): VU029701.D (-3227) (-)

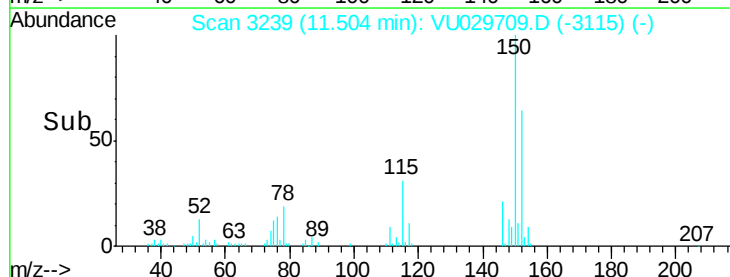
Ion 111.00 (110.70 to 111.70): VU029701.D (-3227) (-)

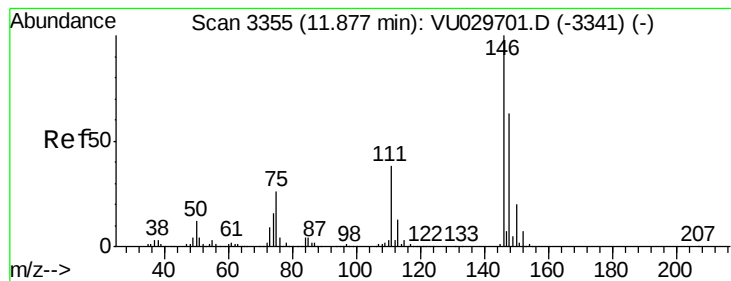
Ion 148.00 (147.70 to 148.70): VU029701.D (-3227) (-)

11.50

11.45 11.55

Time-->





#65

1,2-Dichlorobenzene

Concen: 1.296 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VU029709.D

Acq: 27 Feb 2019 16:53

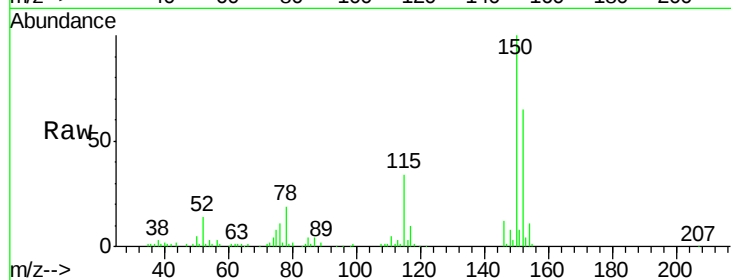
Tot Ion:146 Resp: 9013

Ion Ratio Lower Upper

146 100

111 37.3 31.2 46.8

148 63.9 51.6 77.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

