

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\
 Data File : VU029711.D
 Acq On : 27 Feb 2019 18:03
 Operator : JC/SP
 Sample : K1623-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 28 02:51:17 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	450518	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	436269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206523	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	150831	45.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.38%
7) Chloroethane-d5	1.68	69	130170	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.70%
11) 1,1-Dichloroethene-d2	2.27	63	213197	33.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.08%
21) 2-Butanone-d5	4.17	46	220762	109.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.89%
24) Chloroform-d	4.65	84	271961	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
26) 1,2-Dichloroethane-d4	5.31	65	171928	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
32) Benzene-d6	5.34	84	596796	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.72%
36) 1,2-Dichloropropane-d6	6.33	67	181470	54.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.88%
41) Toluene-d8	7.56	98	558019	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%
43) trans-1,3-Dichloropropene-	7.85	79	84816	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.82%
47) 2-Hexanone-d5	8.31	63	183588	99.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	268523	48.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	226800	50.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.92%

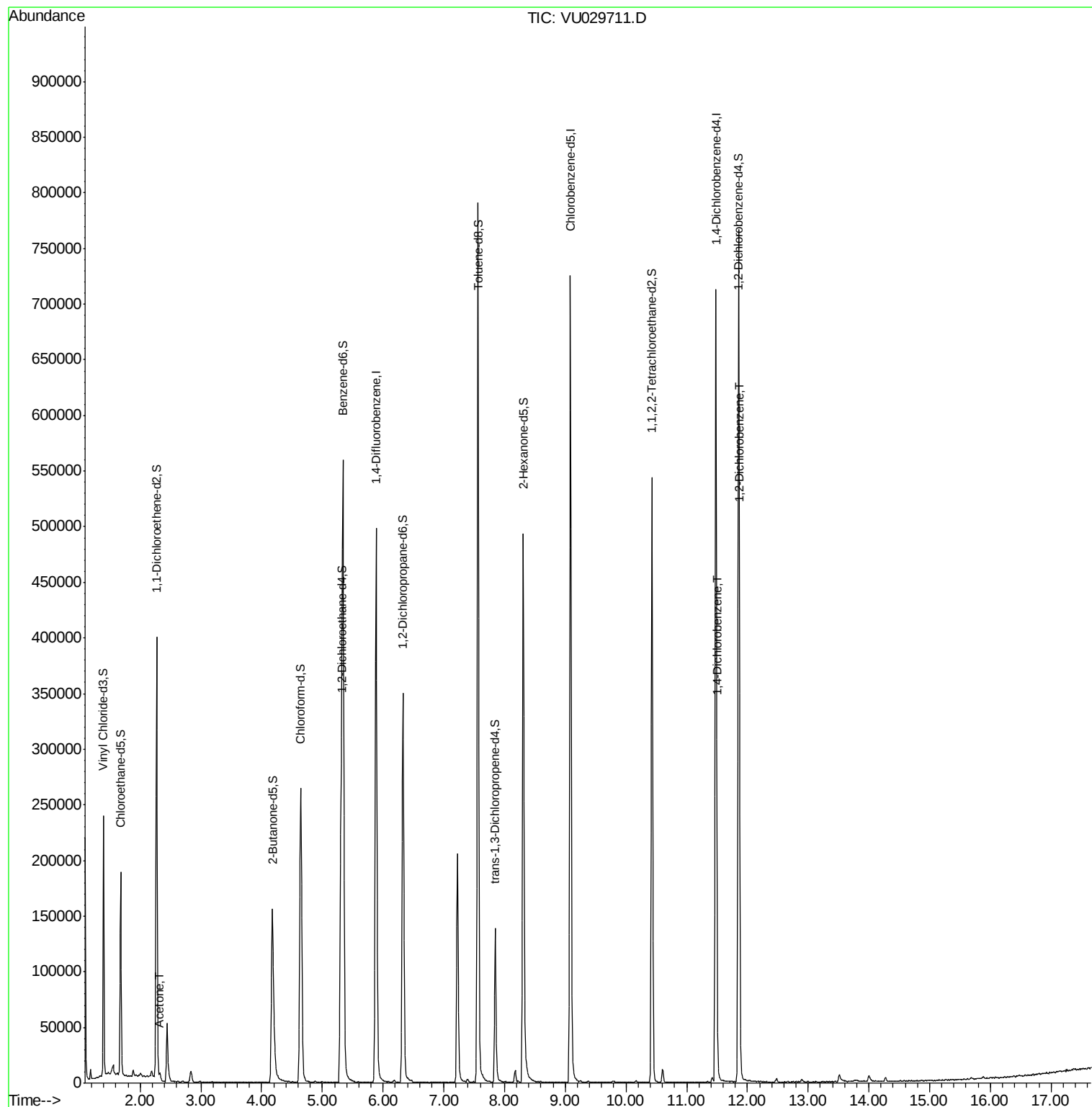
Target Compounds

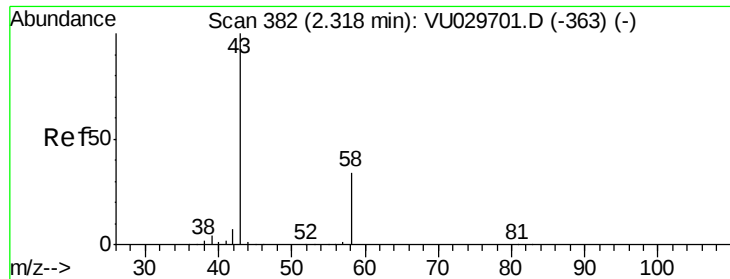
					Ovalue
13) Acetone	2.32	43	5383	2.508 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	7934	1.197 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	10563	1.537 ug/L	93

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU022719\
Data File : VU029711.D
Acq On : 27 Feb 2019 18:03
Operator : JC/SP
Sample : K1623-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Feb 28 02:51:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.508 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU029711.D

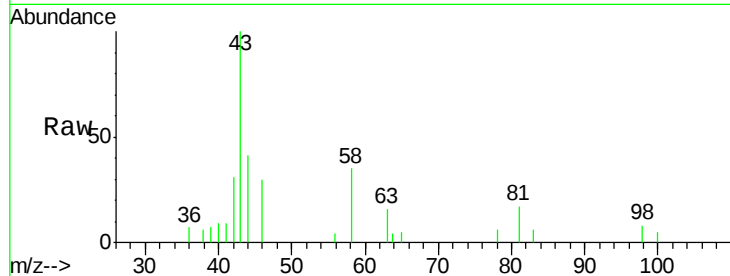
Acq: 27 Feb 2019 18:03

Tot Ion: 43 Resp: 5383

Ion Ratio Lower Upper

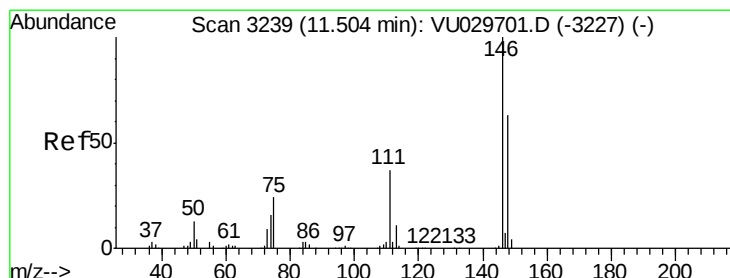
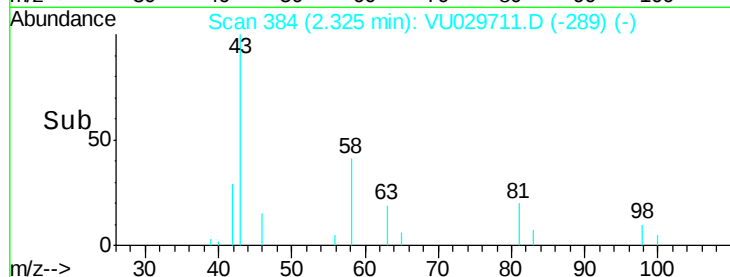
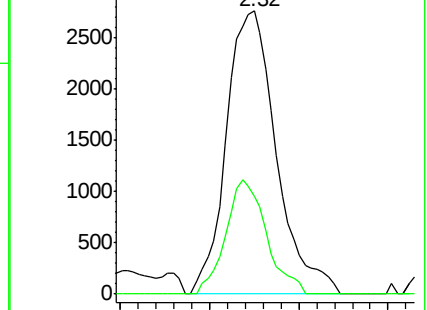
43 100

58 32.6 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029711.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU029711.D (-363) (-)



#63

1,4-Dichlorobenzene

Concen: 1.197 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU029711.D

Acq: 27 Feb 2019 18:03

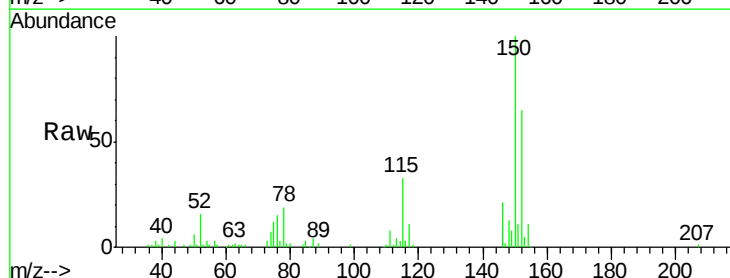
Tgt Ion: 146 Resp: 7934

Ion Ratio Lower Upper

146 100

111 37.9 25.1 46.5

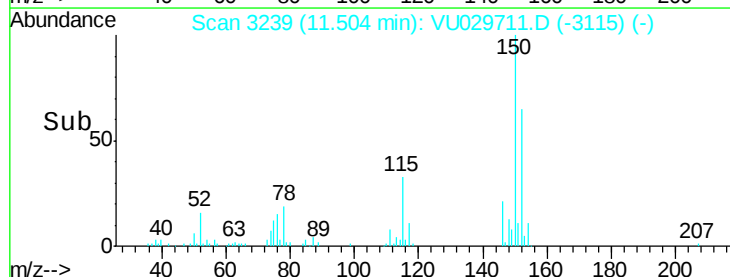
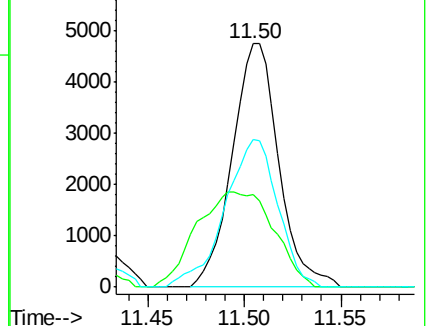
148 60.5 45.0 83.6

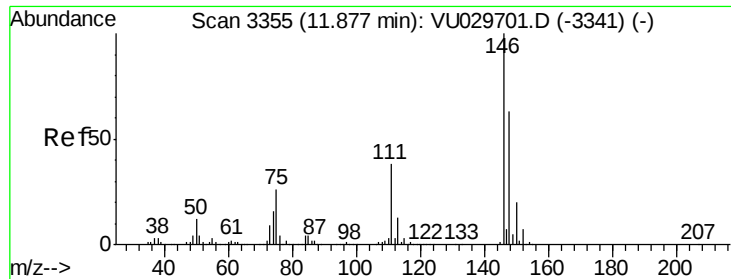


Abundance Ion 146.00 (145.70 to 146.70): VU029711.D (-3227) (-)

Ion 111.00 (110.70 to 111.70): VU029711.D (-3227) (-)

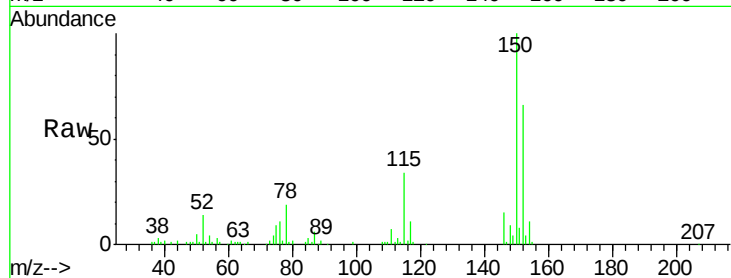
Ion 148.00 (147.70 to 148.70): VU029711.D (-3227) (-)





#65
 1,2-Dichlorobenzene
 Concen: 1.537 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VU029711.D
 Acq: 27 Feb 2019 18:03

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	31.2	46.8
148	59.9	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

