

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031046.D
 Acq On : 11 Apr 2019 06:09
 Operator : JC/SP
 Sample : K2299-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB706

Quant Time: Apr 11 08:39:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	502202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	493903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216242	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	218577	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.52%
7) Chloroethane-d5	1.68	69	177256	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.27	63	307436	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.84%
21) 2-Butanone-d5	4.17	46	379386	106.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	4.64	84	365297	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
26) 1,2-Dichloroethane-d4	5.31	65	246712	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
32) Benzene-d6	5.33	84	741228	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.32	67	251167	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.66%
41) Toluene-d8	7.56	98	644756	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%
43) trans-1,3-Dichloropropene-	7.85	79	108641	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.31	63	223978	99.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	342651	51.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	231333	54.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

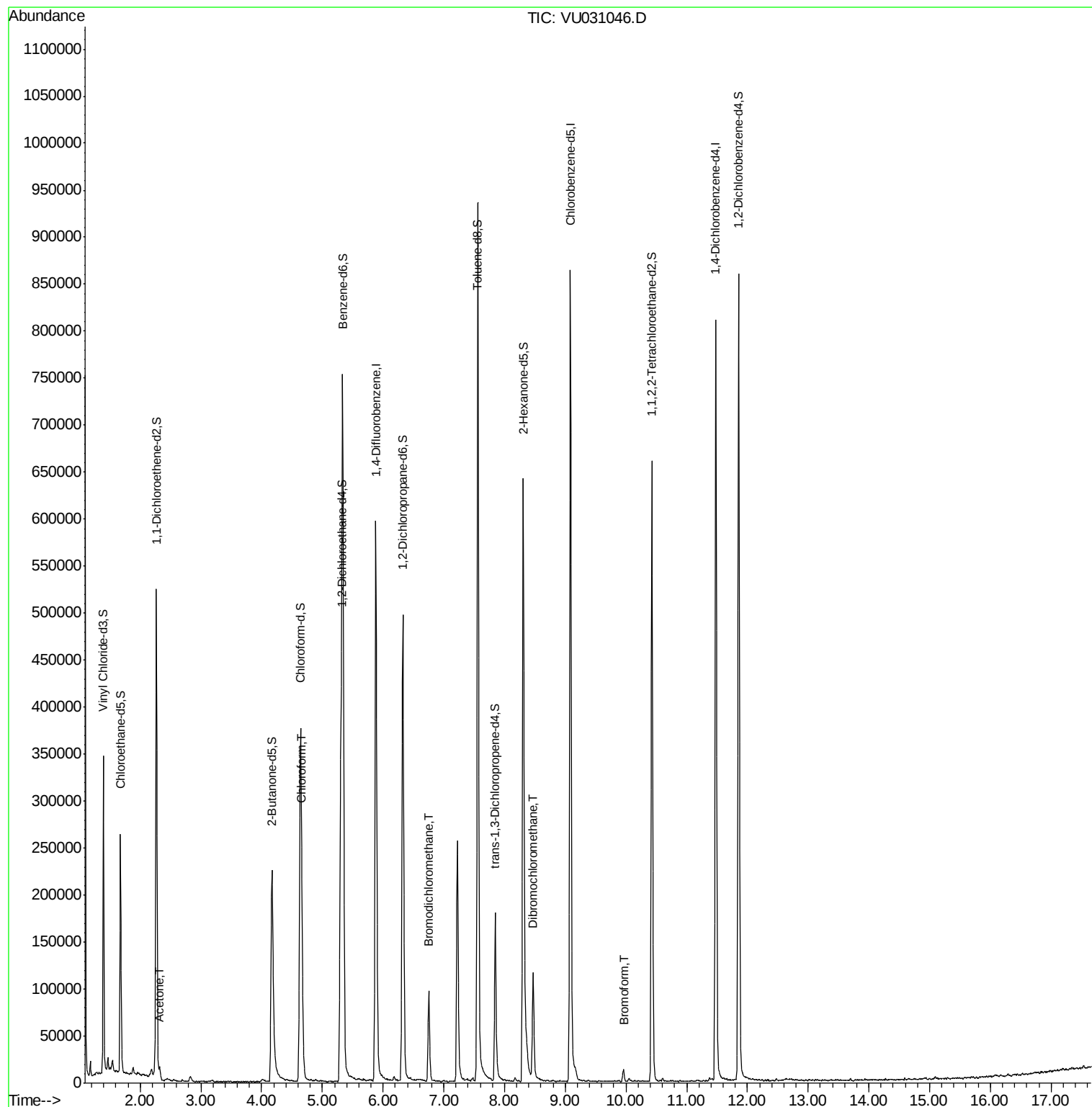
					Ovalue
13) Acetone	2.32	43	11515	3.167 ug/L	85
25) Chloroform	4.67	83	75622	9.891 ug/L	97
38) Bromodichloromethane	6.75	83	66145	11.980 ug/L	94
49) Dibromochloromethane	8.47	129	46886	11.384 ug/L	93
61) Bromoform	9.96	173	6651	2.328 ug/L #	89

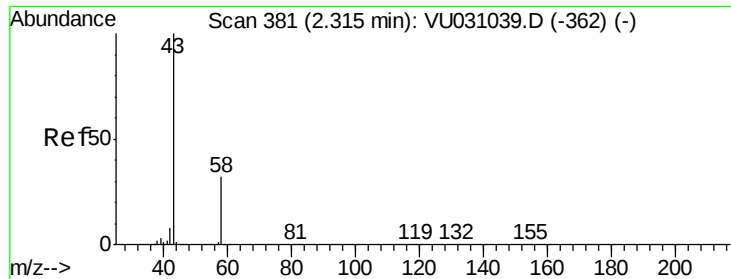
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.167 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031046.D

Acq: 11 Apr 2019 06:09

Instrument :

MSVOA_U

ClientSampleId :

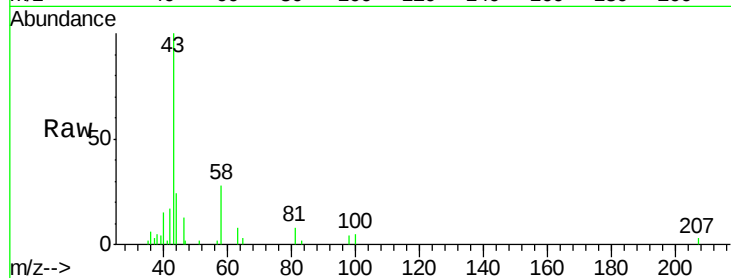
DB706

Tot Ion: 43 Resp: 11515

Ion Ratio Lower Upper

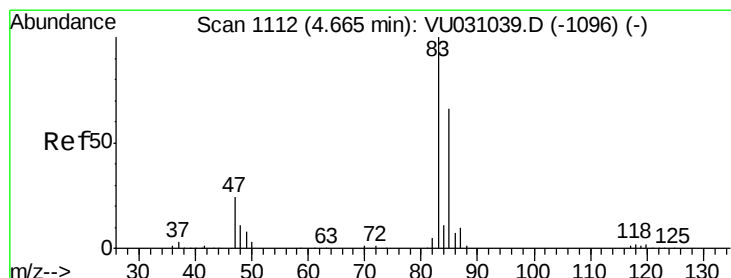
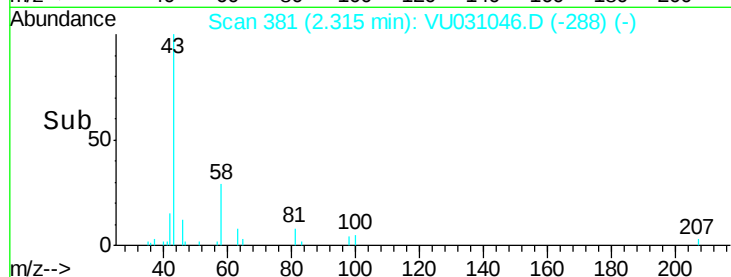
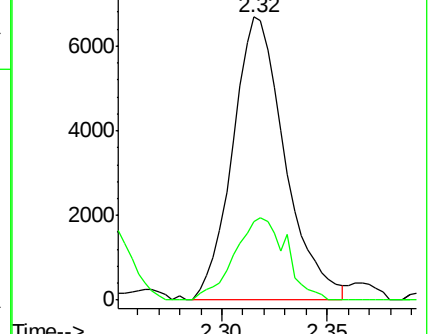
43 100

58 23.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031039.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031039.D (-362) (-)



#25

Chloroform

Concen: 9.891 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031046.D

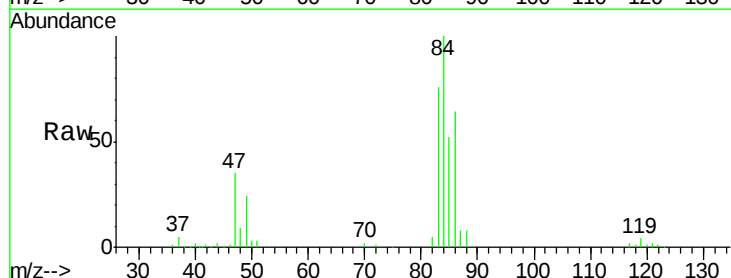
Acq: 11 Apr 2019 06:09

Tgt Ion: 83 Resp: 75622

Ion Ratio Lower Upper

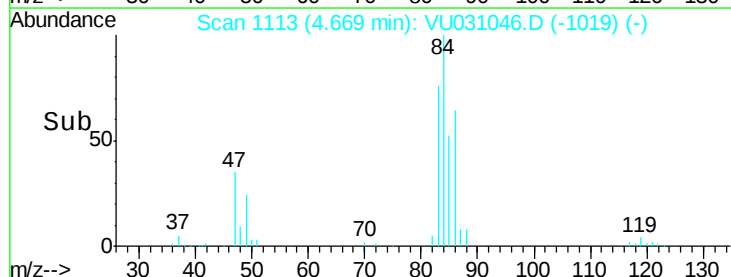
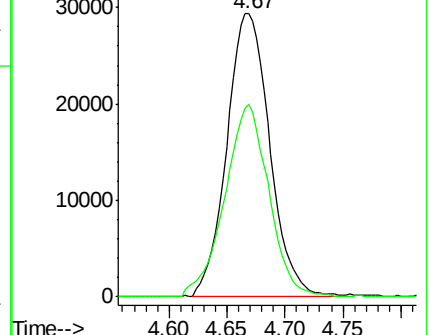
83 100

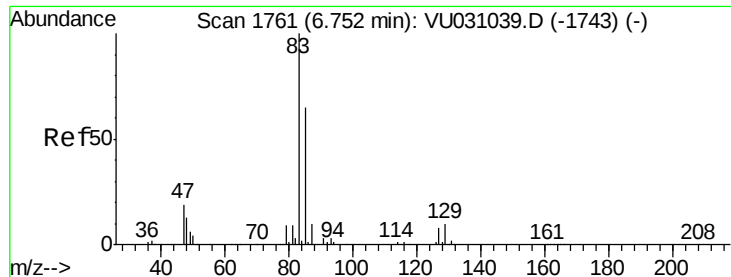
85 68.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031039.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU031039.D (-1096) (-)





#38

Bromodichloromethane

Concen: 11.980 ug/L

RT: 6.75 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VU031046.D

Acq: 11 Apr 2019 06:09

Instrument :

MSVOA_U

ClientSampleId :

DB706

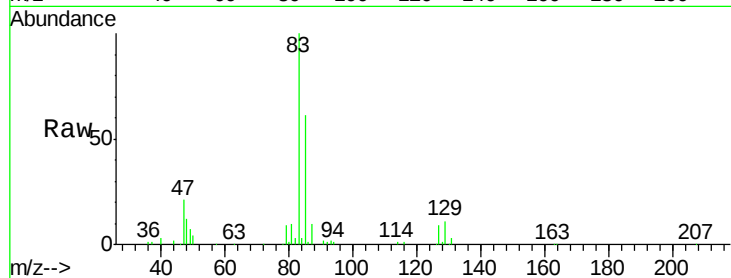
Tot Ion: 83 Resp: 66145

Ion Ratio Lower Upper

83 100

85 61.4 46.5 86.3

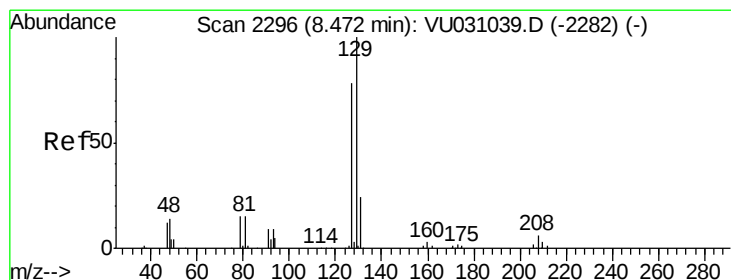
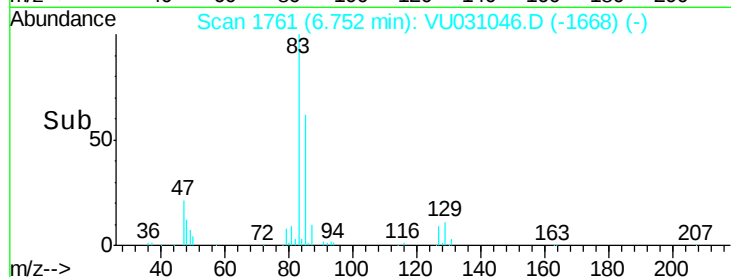
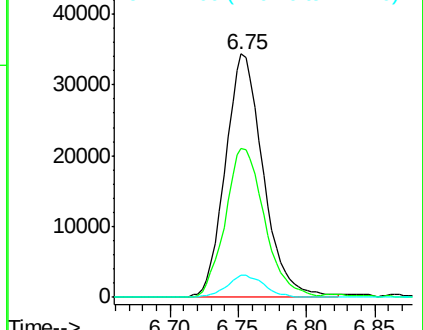
127 9.0 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VU031039.D (-1743) (-)

Ion 85.00 (84.70 to 85.70): VU031039.D (-1743) (-)

Ion 127.00 (126.70 to 127.70): VU031039.D (-1743) (-)



#49

Dibromochloromethane

Concen: 11.384 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU031046.D

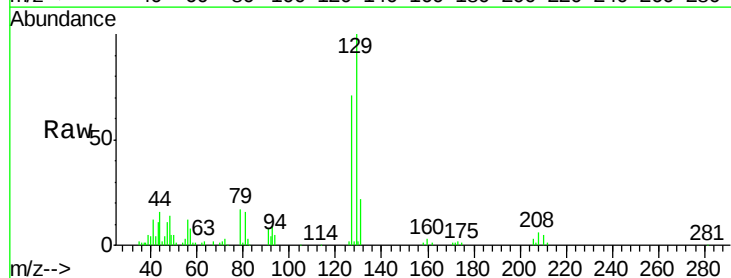
Acq: 11 Apr 2019 06:09

Tgt Ion: 129 Resp: 46886

Ion Ratio Lower Upper

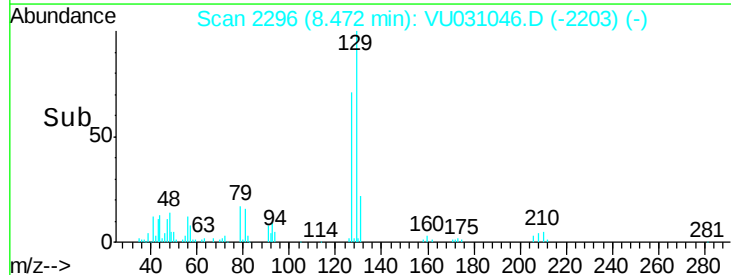
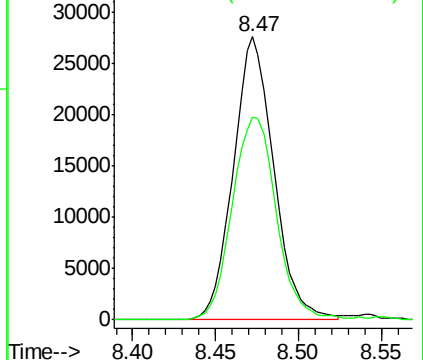
129 100

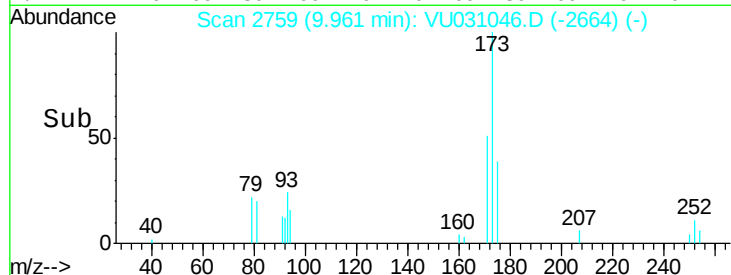
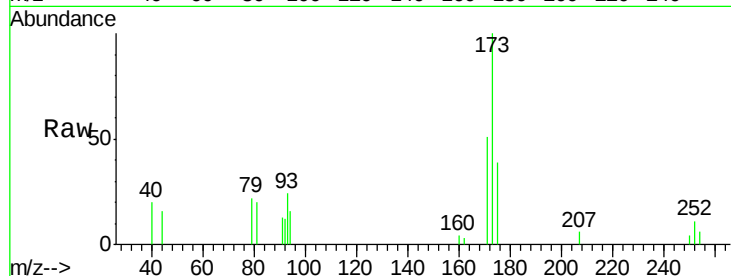
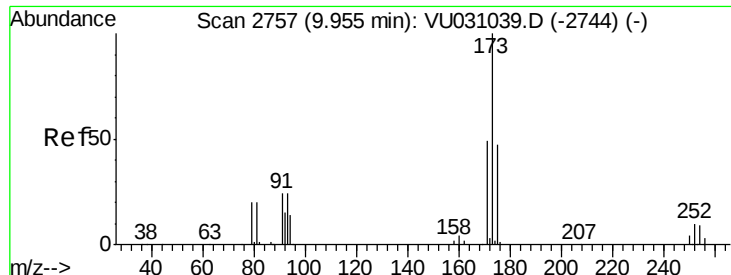
127 71.5 54.5 101.3



Abundance Ion 129.00 (128.70 to 129.70): VU031039.D (-2282) (-)

Ion 127.00 (126.70 to 127.70): VU031039.D (-2282) (-)





#61

Bromoform

Concen: 2.328 ug/L

RT: 9.96 min Scan# 2759

Delta R.T. 0.01 min

Lab File: VU031046.D

Acq: 11 Apr 2019 06:09

Instrument :

MSVOA_U

ClientSampleId :

DB706

Tot Ion:173 Resp: 6651

Ion Ratio Lower Upper

173 100

175 41.8 39.1 58.7

254 4.8 7.3 10.9#

