

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031049.D
 Acq On : 11 Apr 2019 07:17
 Operator : JC/SP
 Sample : K2299-30
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB710

Quant Time: Apr 11 08:49:02 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	490933	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	491640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225117	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	212253	48.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.86%
7) Chloroethane-d5	1.68	69	174194	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.74%
11) 1,1-Dichloroethene-d2	2.27	63	306642	38.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.38%
21) 2-Butanone-d5	4.17	46	376798	108.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.48%
24) Chloroform-d	4.64	84	356267	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	5.30	65	250733	54.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.78%
32) Benzene-d6	5.33	84	732369	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
36) 1,2-Dichloropropane-d6	6.32	67	251365	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.20%
41) Toluene-d8	7.56	98	635738	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%
43) trans-1,3-Dichloropropene-	7.85	79	103234	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.31	63	236195	105.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	345855	52.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	239317	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%

Target Compounds

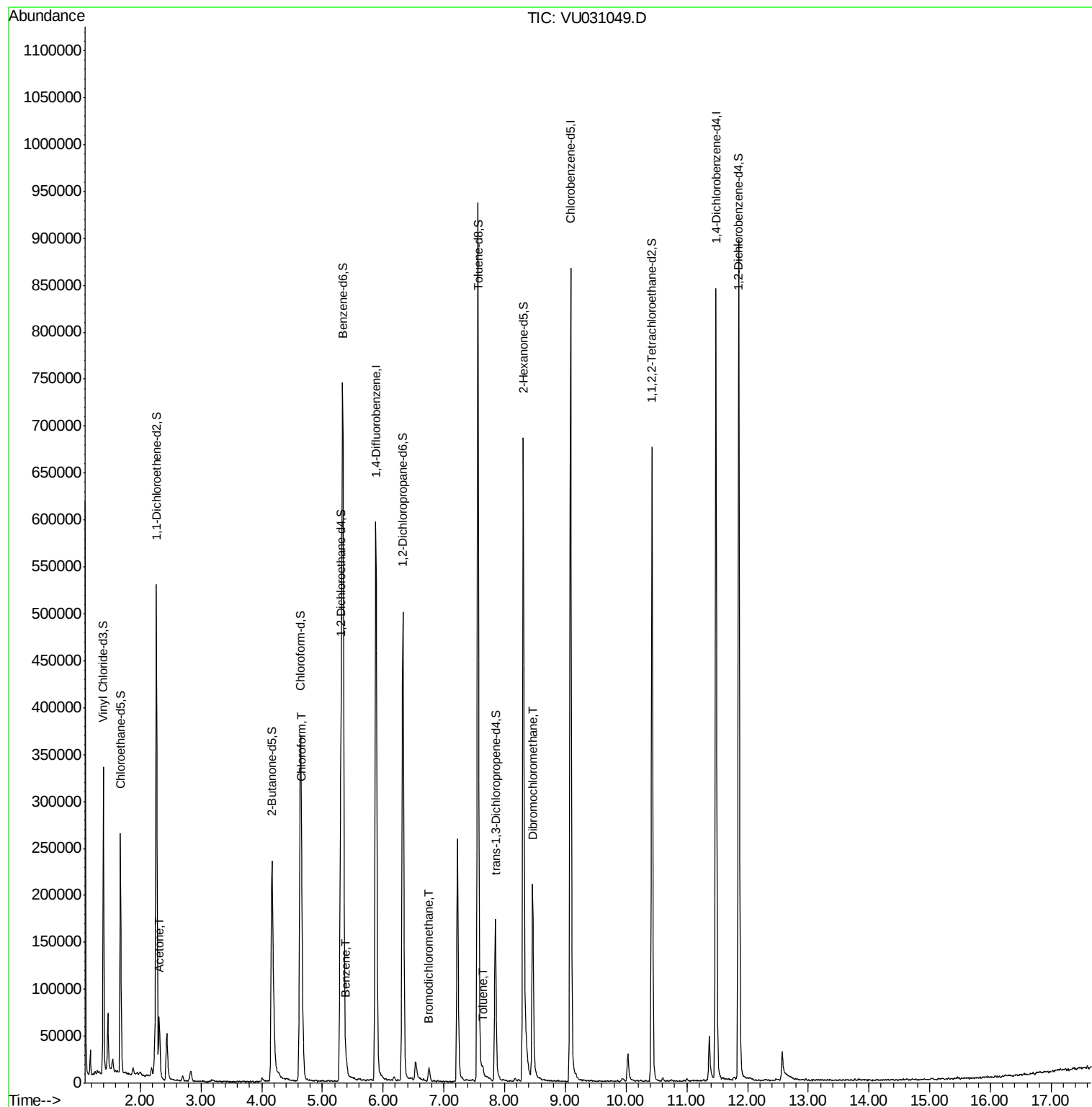
					Ovalue
13) Acetone	2.32	43	66815	18.799 ug/L	99
25) Chloroform	4.67	83	63366	8.479 ug/L	99
33) Benzene	5.39	78	13448	0.836 ug/L	100
38) Bromodichloromethane	6.76	83	10674	1.942 ug/L #	84
42) Toluene	7.64	91	6148	0.374 ug/L	91
49) Dibromochloromethane	8.47	129	4043	0.986 ug/L	93

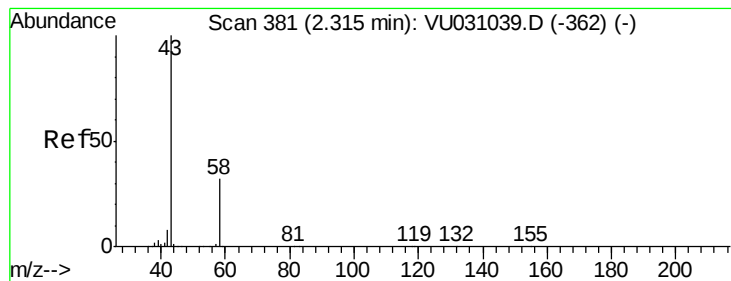
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.799 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

Instrument :

MSVOA_U

ClientSampleId :

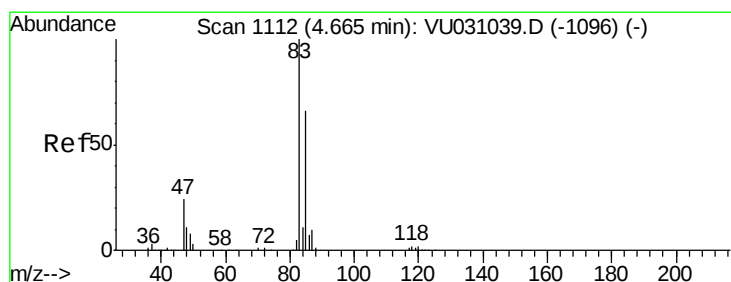
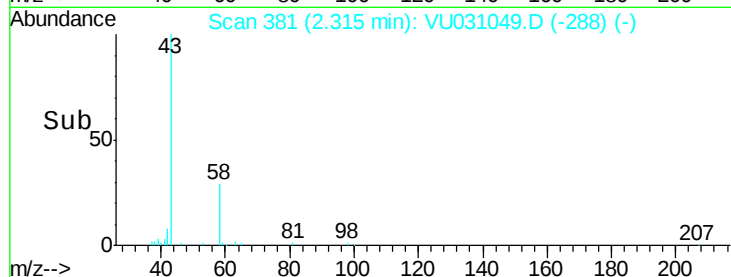
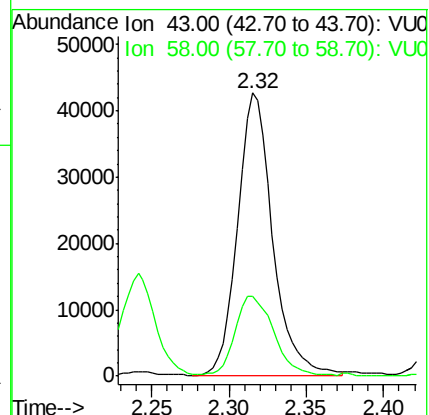
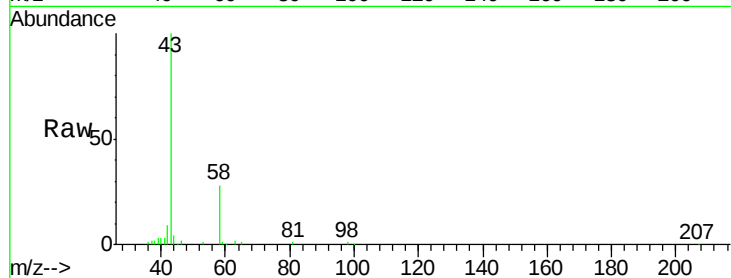
DB710

Tot Ion: 43 Resp: 66815

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.0



#25

Chloroform

Concen: 8.479 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031049.D

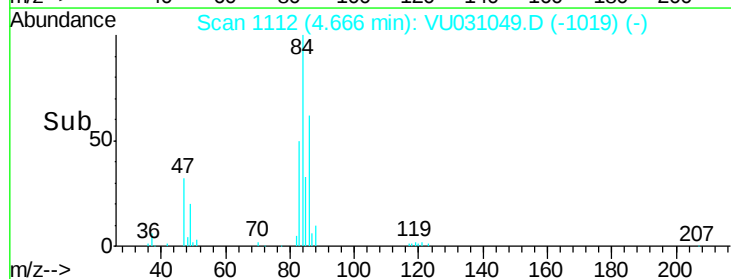
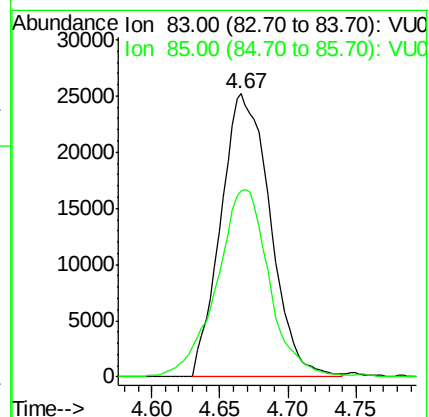
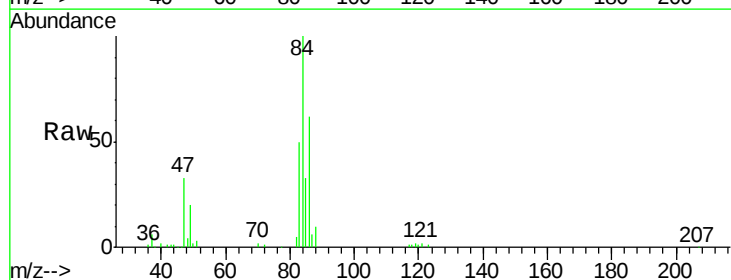
Acq: 11 Apr 2019 07:17

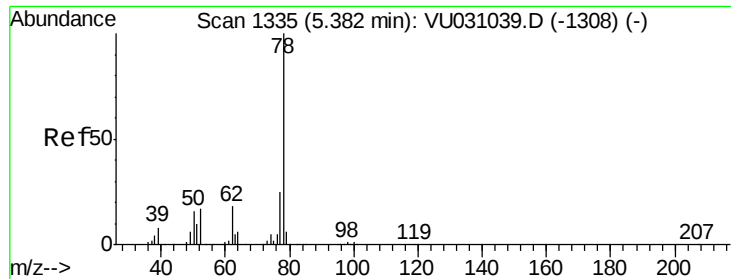
Tgt Ion: 83 Resp: 63366

Ion Ratio Lower Upper

83 100

85 65.9 45.8 85.0





#33

Benzene

Concen: 0.836 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

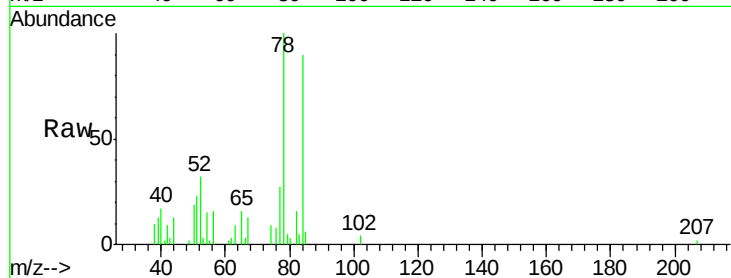
Instrument :

MSVOA_U

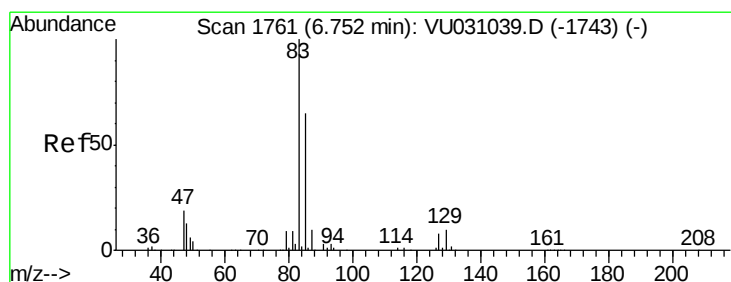
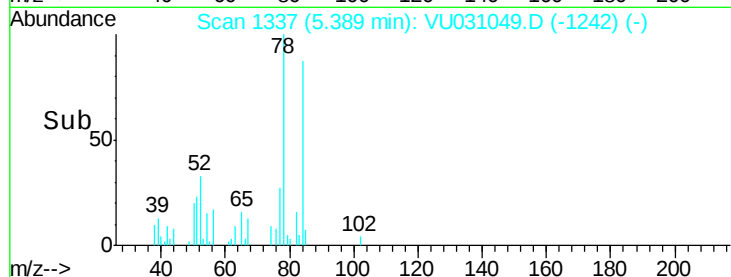
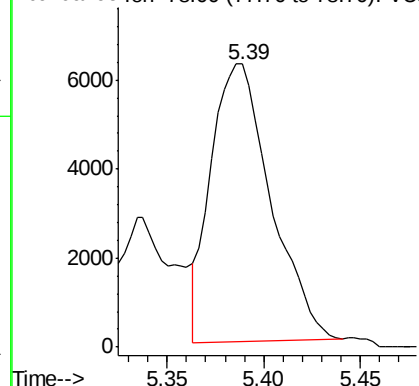
ClientSampleId :

DB710

Tgt Ion: 78 Resp: 13448



Abundance Ion 78.00 (77.70 to 78.70): VU0



#38

Bromodichloromethane

Concen: 1.942 ug/L

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

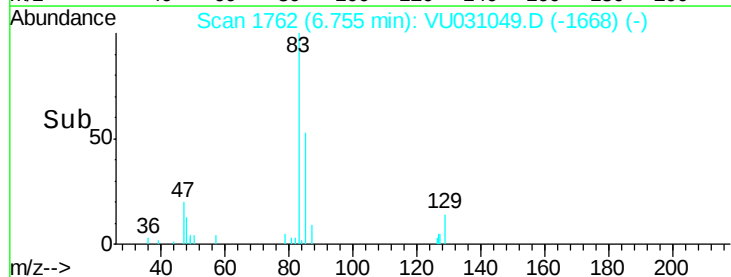
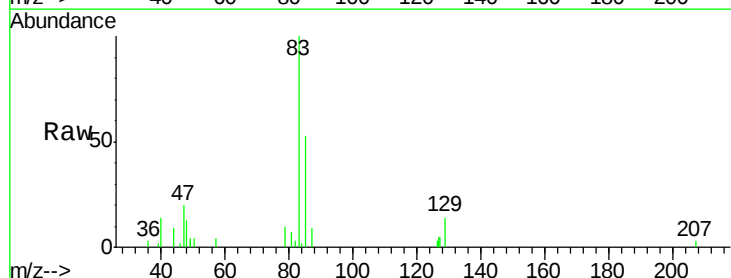
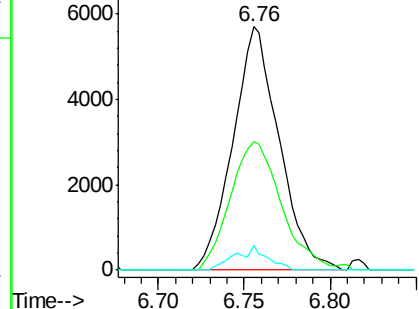
Tgt Ion: 83 Resp: 10674

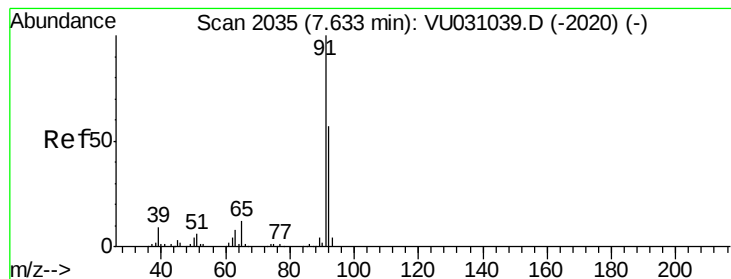
Ion	Ratio	Lower	Upper
83	100		
85	52.5	46.5	86.3
127	10.3	6.6	10.0#

Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V





#42

Toluene

Concen: 0.374 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031049.D

Acq: 11 Apr 2019 07:17

Instrument :

MSVOA_U

ClientSampleId :

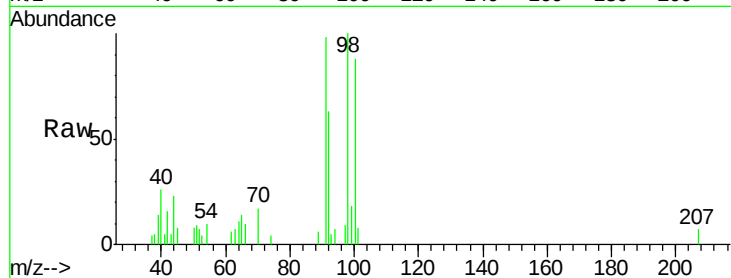
DB710

Tot Ion: 91 Resp: 6148

Ion Ratio Lower Upper

91 100

92 63.9 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031039.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031039.D (-2020) (-)

7.64

3000

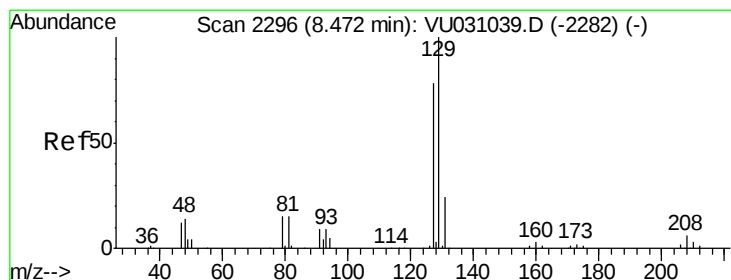
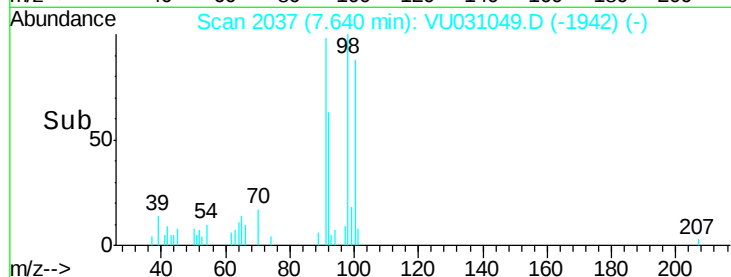
2000

1000

0

7.60 7.65 7.70

Time-->



#49

Dibromochloromethane

Concen: 0.986 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU031049.D

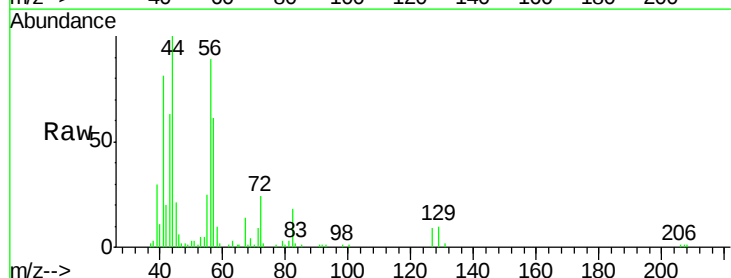
Acq: 11 Apr 2019 07:17

Tgt Ion: 129 Resp: 4043

Ion Ratio Lower Upper

129 100

127 84.4 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) (-)

8.47

2500

2000

1500

1000

500

0

8.45 8.50

Time-->

