

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031344.D
 Acq On : 19 Apr 2019 08:05
 Operator : JC/SP
 Sample : K2451-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAN02

Quant Time: Apr 19 08:55:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 07:47:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207280	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70436	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81	0.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.68	69	75609	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.27	63	6627	0.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	2.80%#
20) 2-Butanone-d5	4.20	46	263223	58.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.84%
24) Chloroform-d	4.64	84	150607	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.31	65	82823	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.34	84	273930	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.33	67	106605	6.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	135.20%
41) Toluene-d8	7.58	98	532	0.01	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.20%#
43) trans-1,3-Dichloropropene-	7.87	79	266	0.04	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.80%#
46) 2-Hexanone-d5	8.31	63	130538	44.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66239	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	75078	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

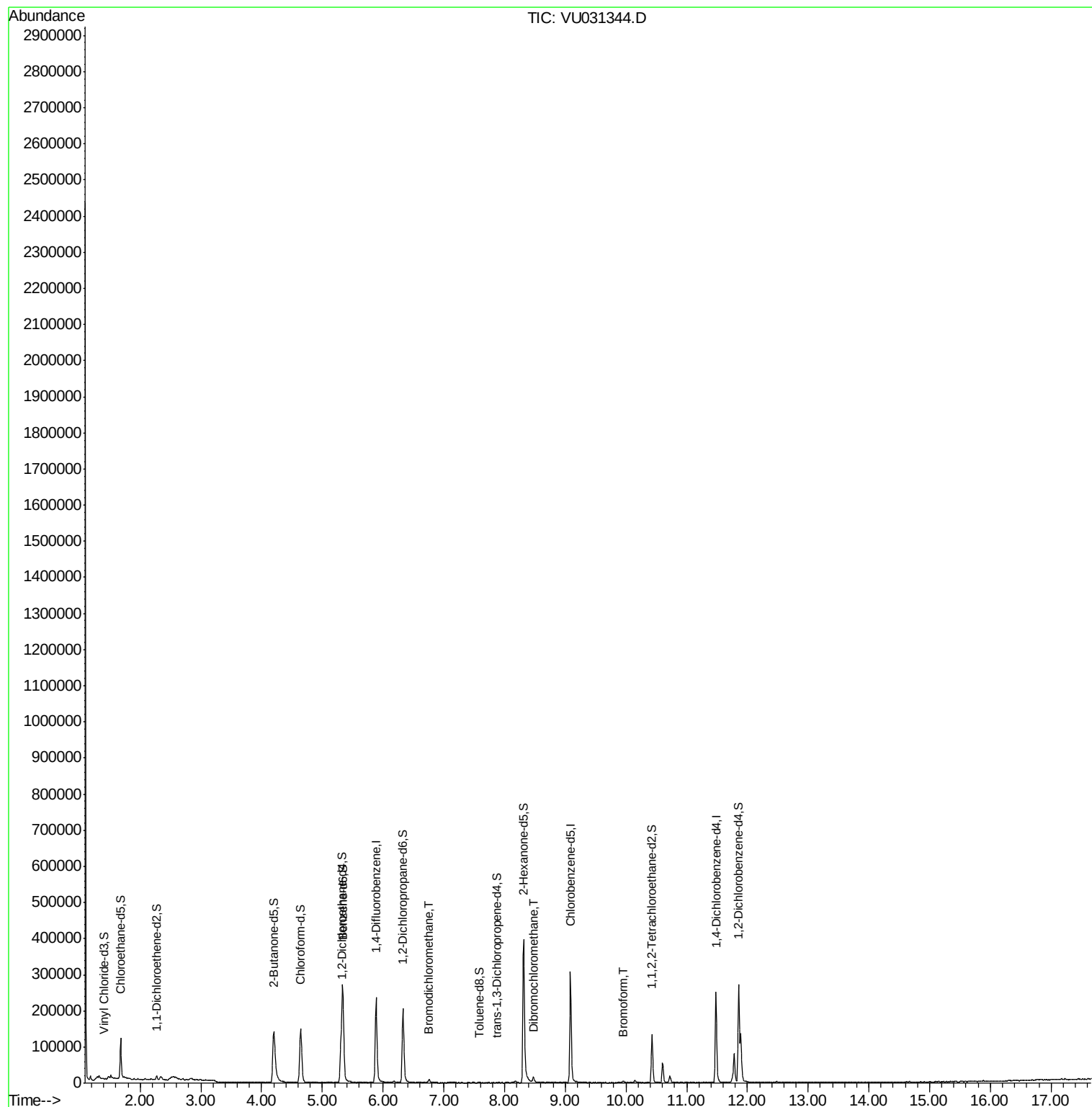
Target Compounds					Ovalue
38) Bromodichloromethane	6.76	83	6955	0.346 ug/L	92
49) Dibromochloromethane	8.48	129	6550	0.477 ug/L	84
61) Bromoform	9.96	173	2209	0.326 ug/L #	72

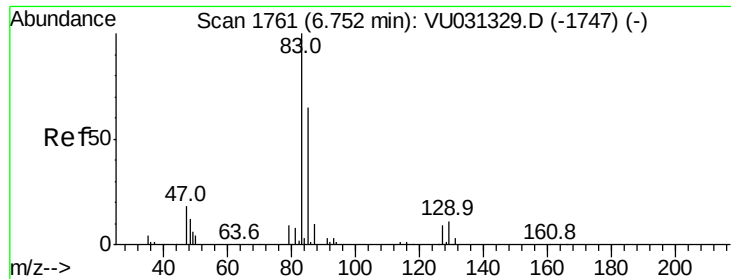
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#38

Bromodichloromethane

Concen: 0.346 ug/L

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

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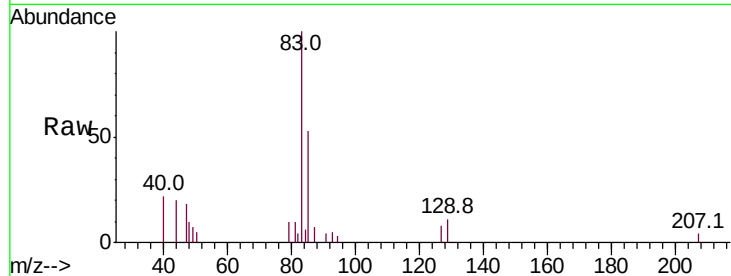
Tot Ion: 83 Resp: 6955

Ion Ratio Lower Upper

83 100

85 52.7 41.9 77.7

127 8.4 7.1 10.7



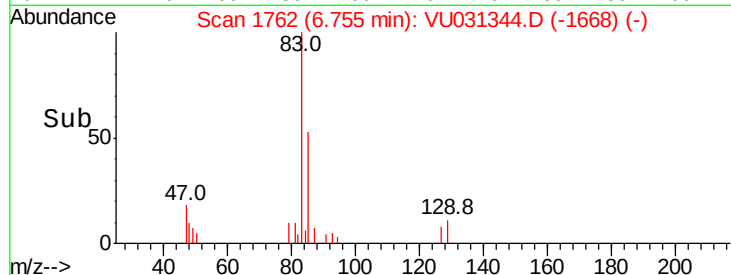
Abundance Ion 82.95 (82.65 to 83.65): VU031329.D (-1747) (-)

Ion 85.00 (84.70 to 85.70): VU031329.D (-1747) (-)

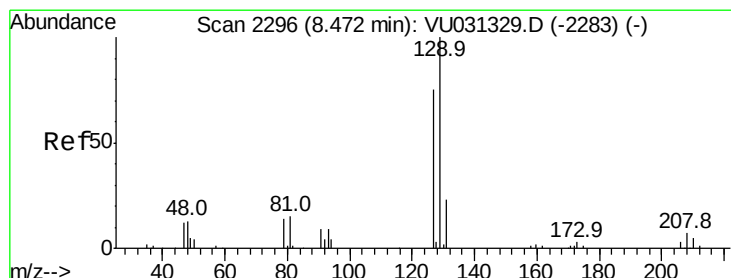
Ion 126.90 (126.60 to 127.60): VU031329.D (-1747) (-)

6.76

Time-->



Time-->



#49

Dibromochloromethane

Concen: 0.477 ug/L

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU031344.D

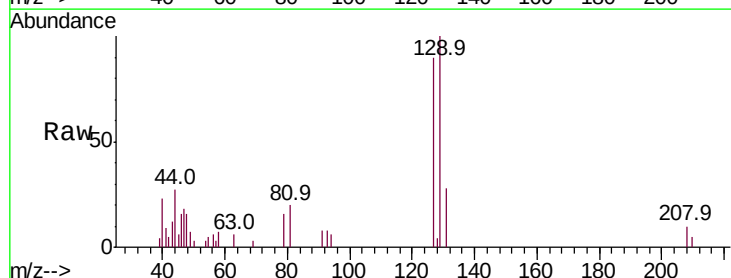
Acq: 19 Apr 2019 08:05

Tgt Ion: 129 Resp: 6550

Ion Ratio Lower Upper

129 100

127 89.6 53.3 99.1

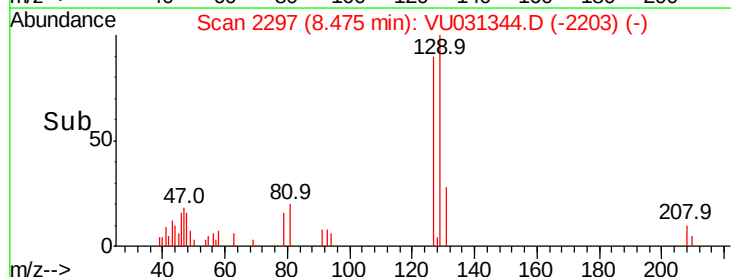


Abundance Ion 128.95 (128.65 to 129.65): VU031329.D (-2283) (-)

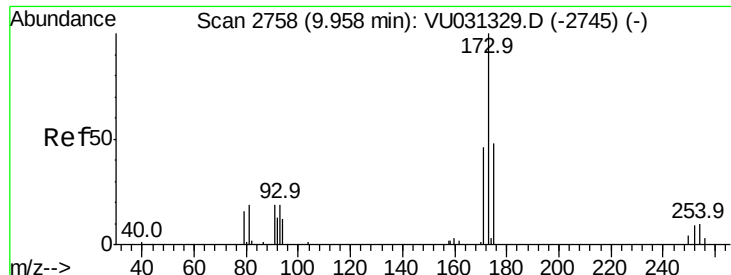
Ion 126.90 (126.60 to 127.60): VU031329.D (-2283) (-)

8.48

Time-->



Time-->



#61

Bromoform

Concen: 0.326 ug/L

RT: 9.96 min Scan# 2759

Delta R.T. 0.00 min

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ClientSampleId :

YAN02

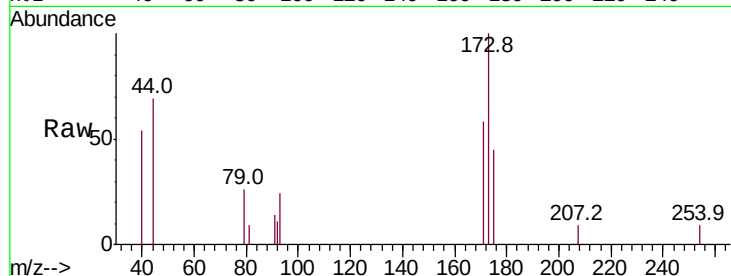
Tot Ion:173 Resp: 2209

Ion Ratio Lower Upper

173 100

175 27.6 39.2 58.8#

254 5.4 7.0 10.6#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

