

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036105.D
 Acq On : 11 Dec 2019 00:53
 Operator : JC/MD
 Sample : K6214-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD808

Quant Time: Dec 11 08:38:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	259345	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287556	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	96052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116398	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.93	69	109056	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	126707	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.70	46	250209	63.52	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.04%
24) Chloroform-d	5.11	84	190980	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	100811	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	363820	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.73	67	115747	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.93	98	285696	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	41092	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.68	63	187816	56.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106964	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	97975	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

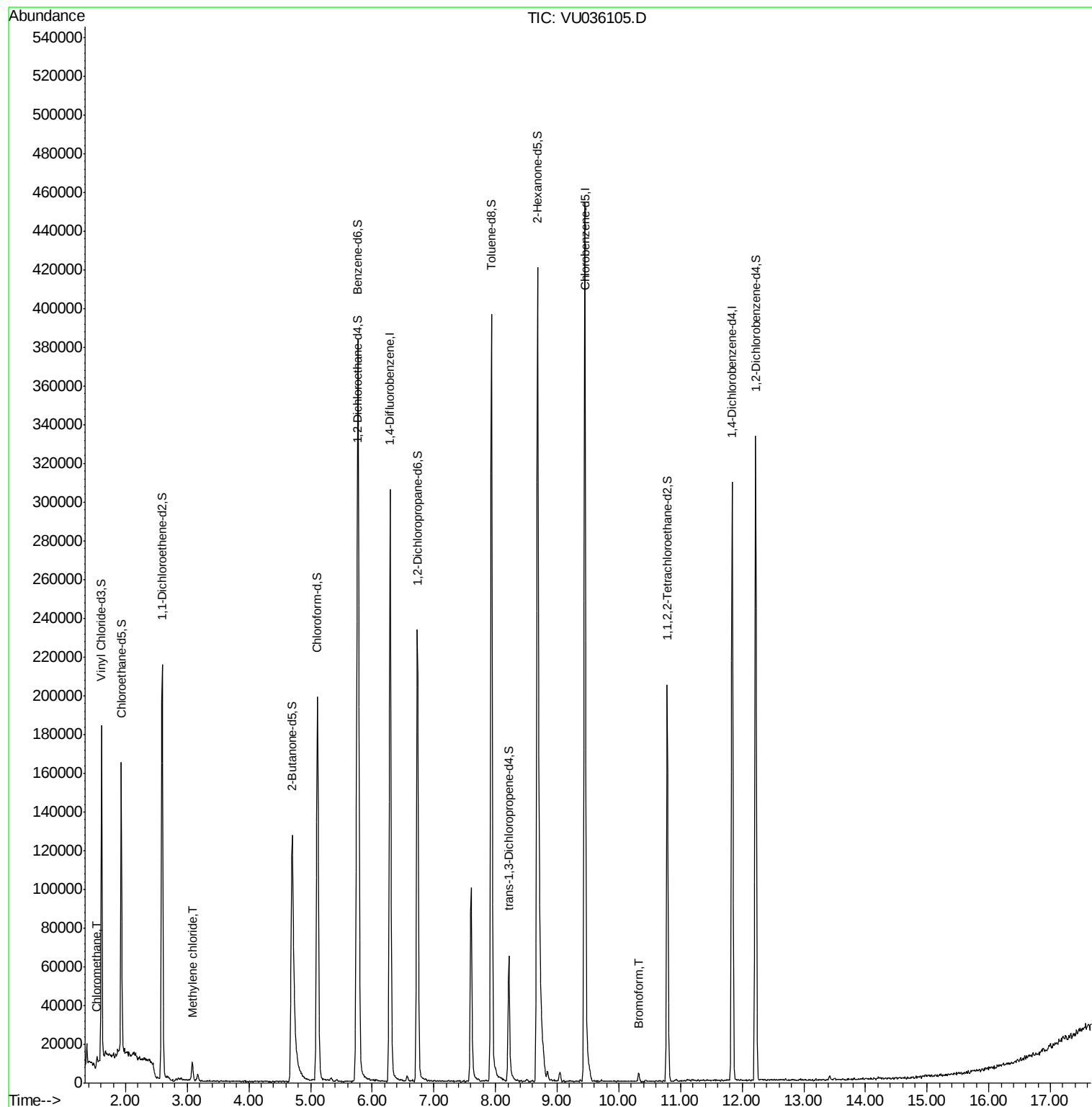
Target Compounds					Ovalue
3) Chloromethane	1.54	50	3233	0.130 ug/L	94
16) Methylene chloride	3.08	84	5037	0.192 ug/L #	85
61) Bromoform	10.32	173	1986	0.208 ug/L #	80

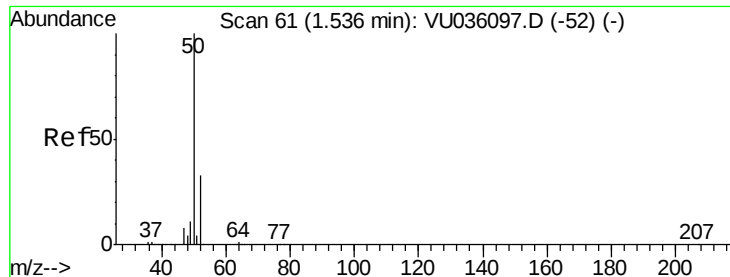
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.130 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036105.D

Acq: 11 Dec 2019 00:53

Instrument :

MSVOA_U

ClientSampleId :

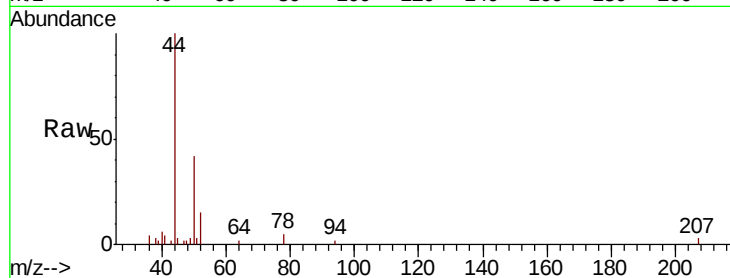
BD808

Tot Ion: 50 Resp: 3233

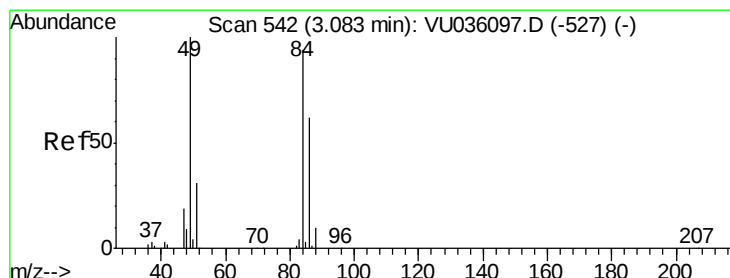
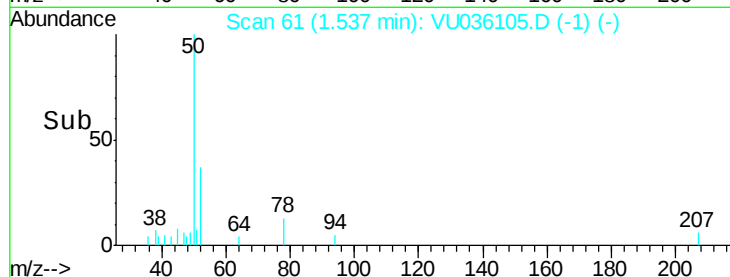
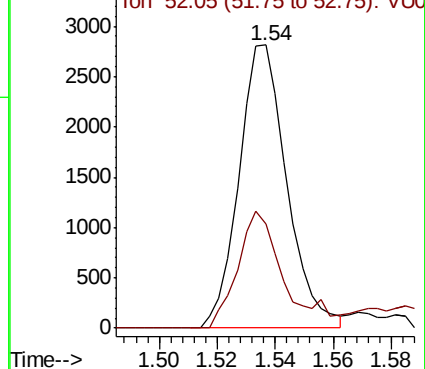
Ion Ratio Lower Upper

50 100

52 36.9 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036105.D (-1) (-)



#16

Methylene chloride

Concen: 0.192 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036105.D

Acq: 11 Dec 2019 00:53

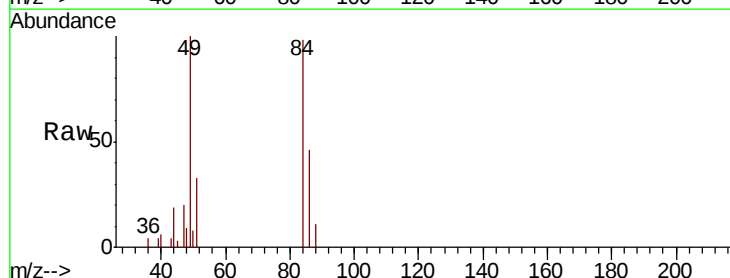
Tgt Ion: 84 Resp: 5037

Ion Ratio Lower Upper

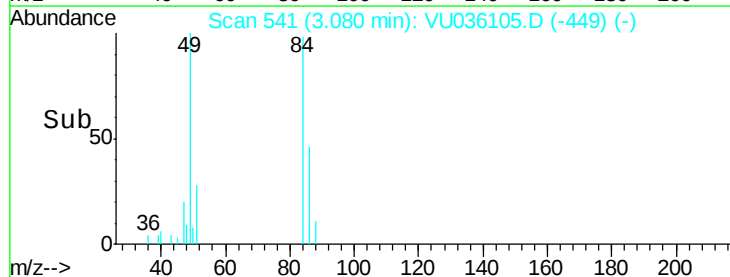
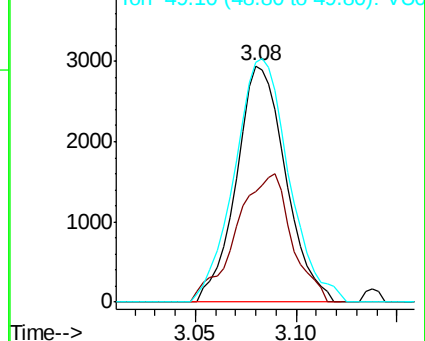
84 100

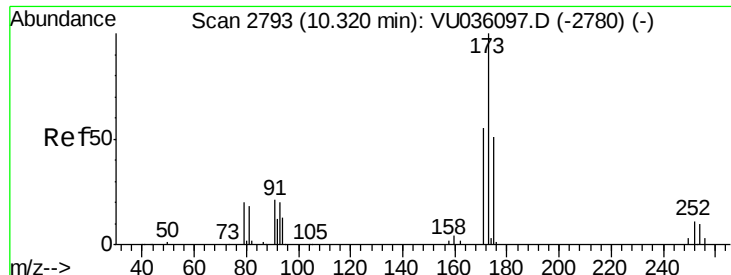
86 46.9 47.5 88.3#

49 101.6 76.9 142.9



Abundance Ion 84.05 (83.75 to 84.75): VU036105.D (-449) (-)





#61

Bromoform

Concen: 0.208 ug/L

RT: 10.32 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VU036105.D

Acq: 11 Dec 2019 00:53

Instrument :

MSVOA_U

ClientSampleId :

BD808

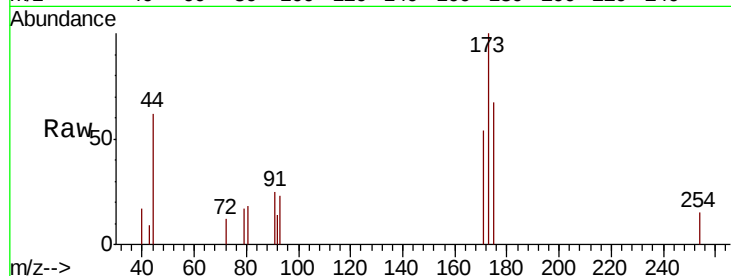
Tot Ion:173 Resp: 1986

Ion Ratio Lower Upper

173 100

175 64.9 39.4 59.0#

254 6.8 8.1 12.1#



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

