

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121119\
 Data File : VU036144.D
 Acq On : 11 Dec 2019 20:14
 Operator : JC/MD
 Sample : K6214-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD809

Quant Time: Dec 12 08:06:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 12 06:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	285123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	308461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90799	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119874	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	119869	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	128750	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.68	46	270554	62.48	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.96%
24) Chloroform-d	5.11	84	209095	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.75	65	107600	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.77	84	378801	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	124438	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.93	98	293043	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.21	79	43195	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.67	63	198458	55.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116133	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	89504	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

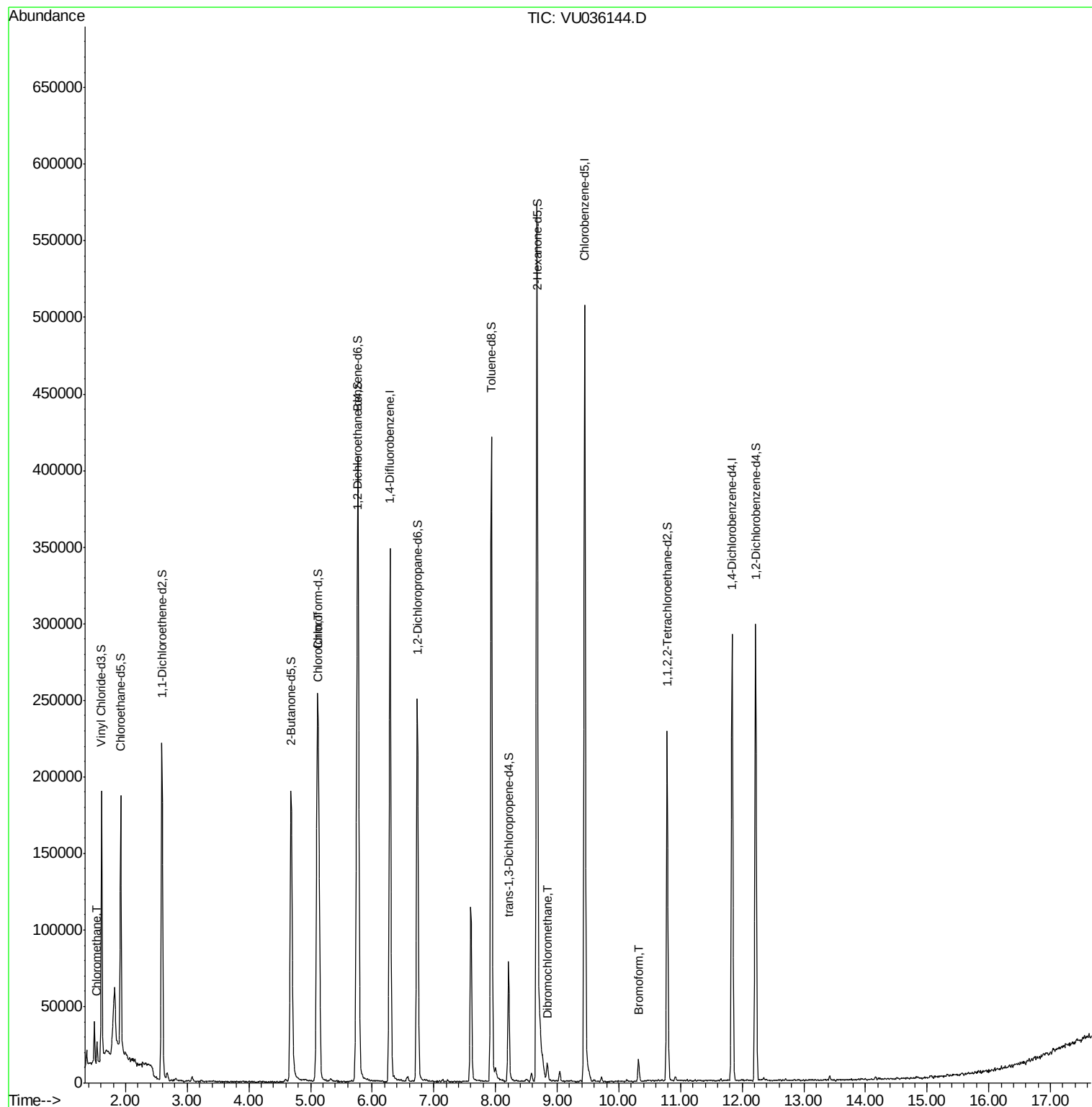
Target Compounds					Ovalue
3) Chloromethane	1.53	50	12351	0.451 ug/L	100
25) Chloroform	5.13	83	122268	2.887 ug/L	99
49) Dibromochloromethane	8.84	129	5869	0.266 ug/L	97
61) Bromoform	10.32	173	7271	0.805 ug/L #	86

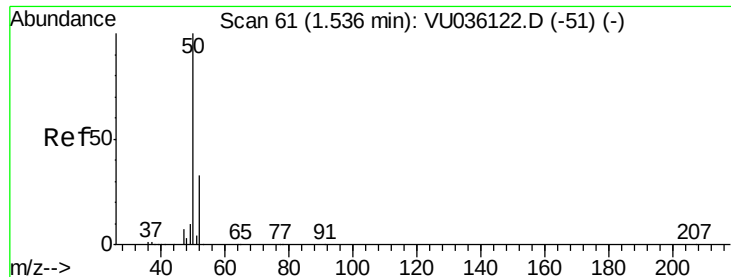
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.451 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036144.D

Acq: 11 Dec 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

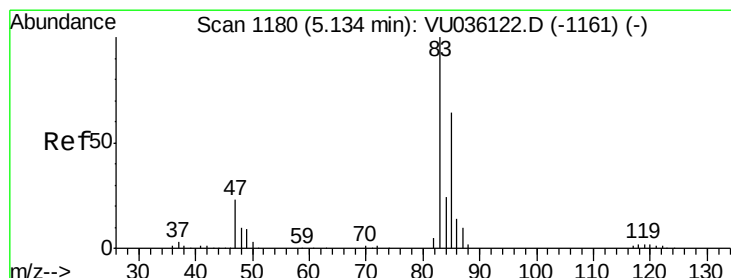
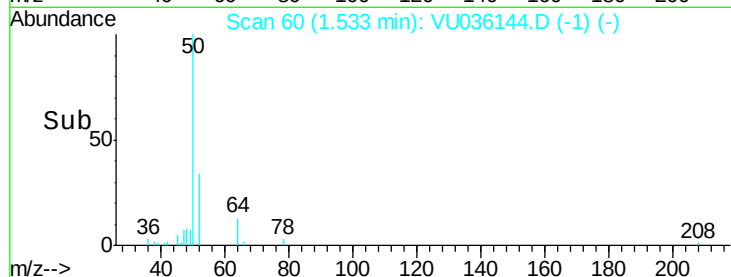
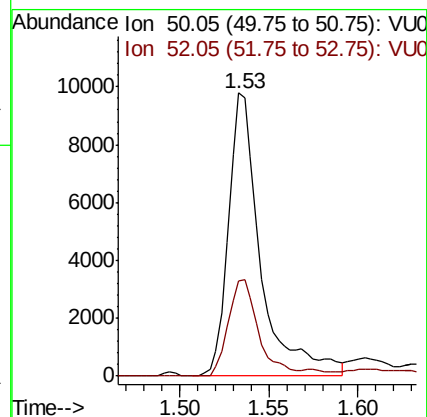
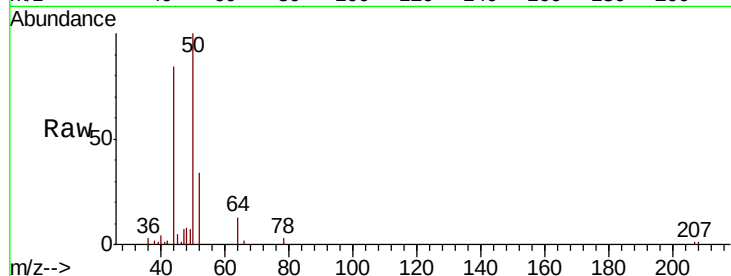
BD809

Tot Ion: 50 Resp: 12351

Ion Ratio Lower Upper

50 100

52 33.5 23.6 43.8



#25

Chloroform

Concen: 2.887 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

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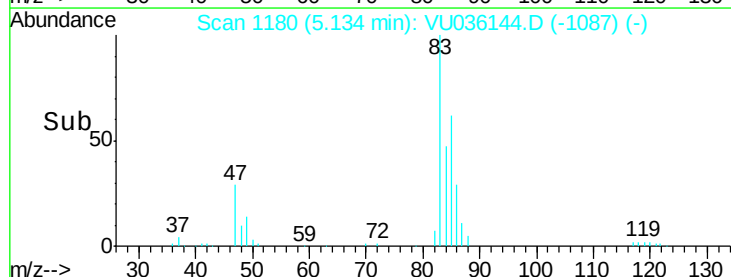
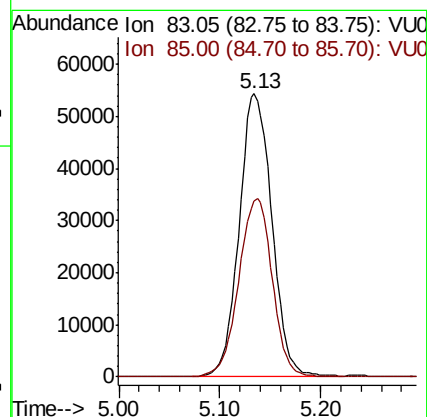
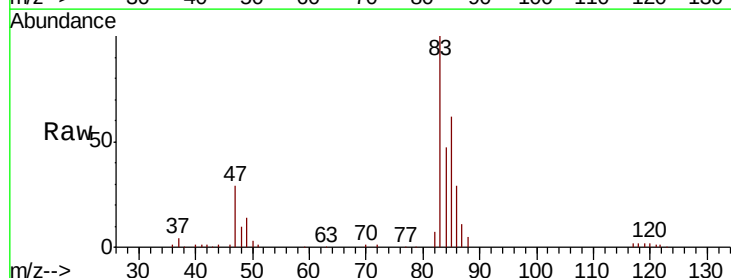
Acq: 11 Dec 2019 20:14

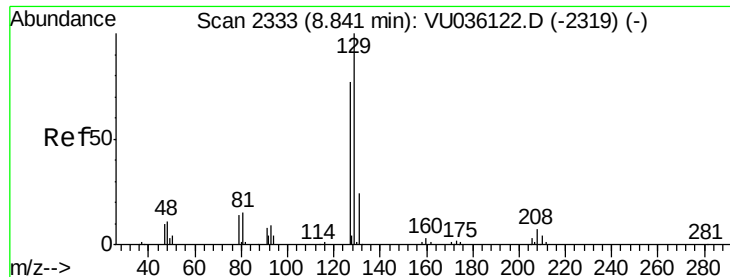
Tgt Ion: 83 Resp: 122268

Ion Ratio Lower Upper

83 100

85 62.2 43.9 81.5





#49

Dibromochloromethane

Concen: 0.266 ug/L

RT: 8.84 min Scan# 2333

Delta R.T. -0.00 min

Lab File: VU036144.D

Acq: 11 Dec 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

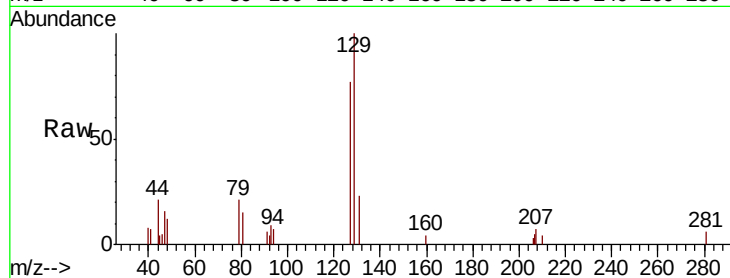
BD809

Tot Ion:129 Resp: 5869

Ion Ratio Lower Upper

129 100

127 77.3 52.5 97.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.84

4000

3000

2000

1000

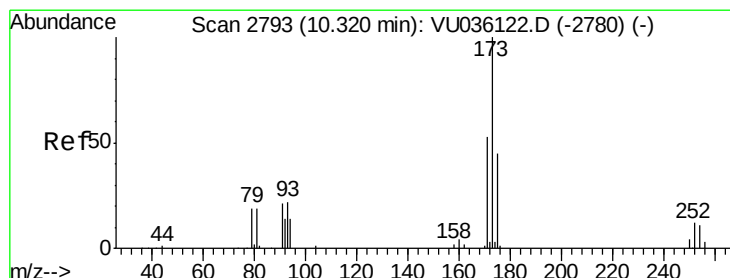
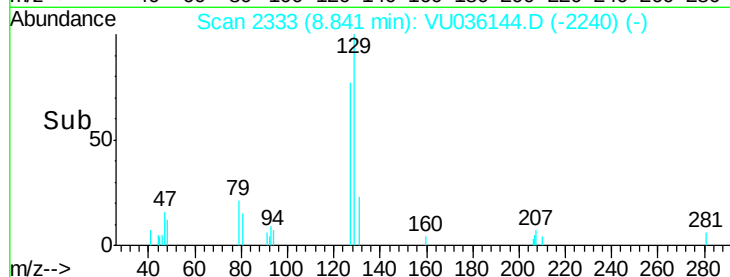
0

8.80

8.85

8.90

Time-->



#61

Bromoform

Concen: 0.805 ug/L

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

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Acq: 11 Dec 2019 20:14

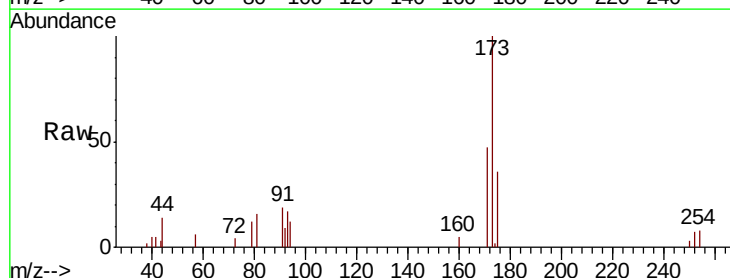
Tgt Ion:173 Resp: 7271

Ion Ratio Lower Upper

173 100

175 38.6 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

10.32

6000

5000

4000

3000

2000

1000

0

10.25

10.30

10.35

Time-->

