

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038045.D
 Acq On : 07 May 2020 17:44
 Operator : JC/MD
 Sample : L2526-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH5

Quant Time: May 08 03:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	326170	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	321176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143619	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103755	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	96198	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.59	63	136261	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.66	46	276368	37.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.10%
24) Chloroform-d	5.10	84	167614	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
26) 1,2-Dichloroethane-d4	5.74	65	107557	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.76	84	406264	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.72	67	132631	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.92	98	367768	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.20	79	43583	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.65	63	236848	40.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97057	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	128732	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

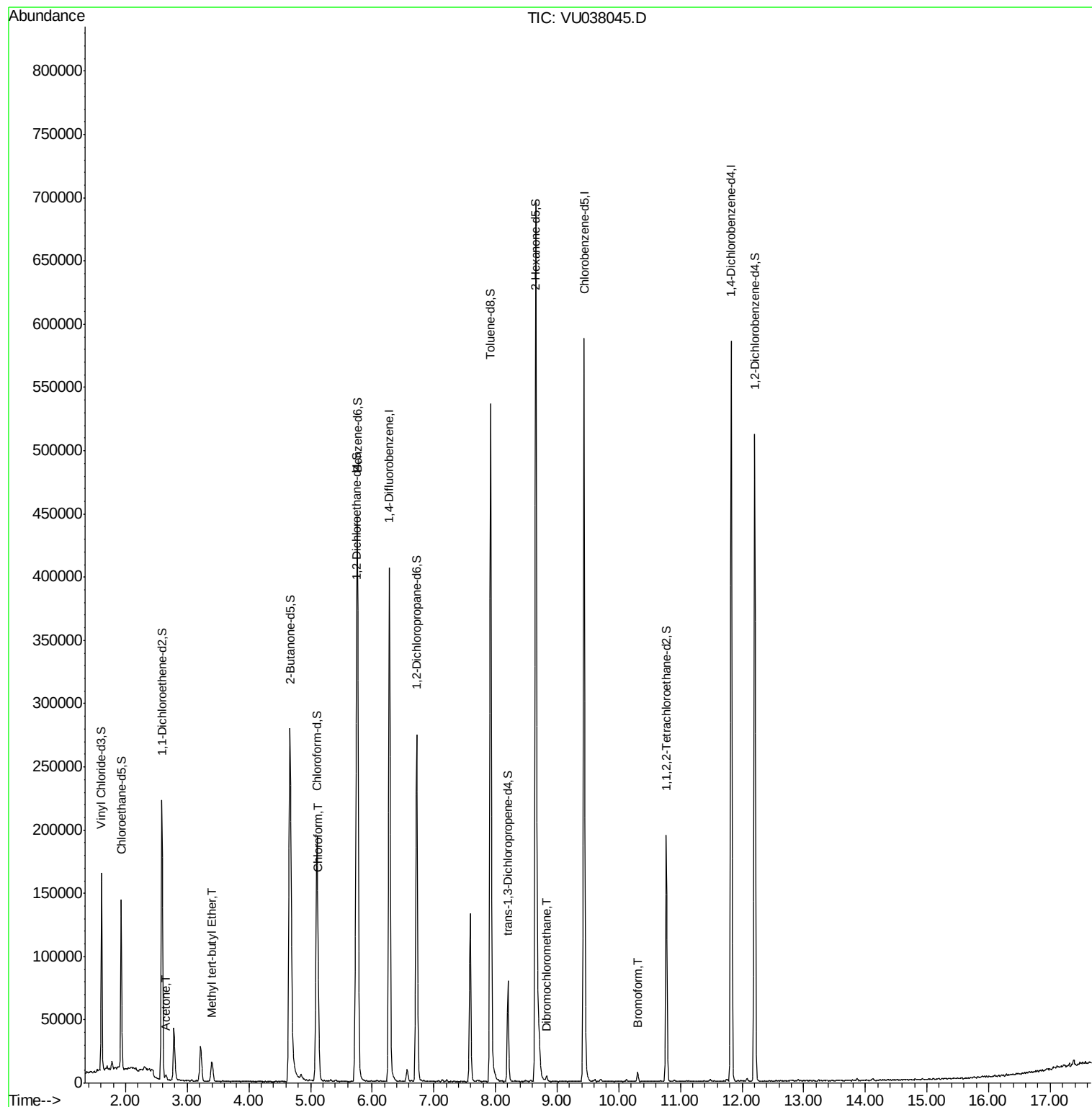
					Ovalue
13) Acetone	2.65	43	5232	1.133	ug/L 89
17) Methyl tert-butyl Ether	3.40	73	16668	0.265	ug/L 93
25) Chloroform	5.13	83	39977	0.888	ug/L 100
49) Dibromochloromethane	8.83	129	1938	0.096	ug/L 92
61) Bromoform	10.31	173	3266	0.336	ug/L # 95

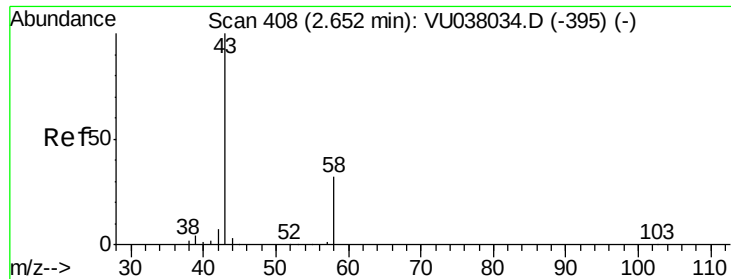
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.133 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038045.D

Acq: 07 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

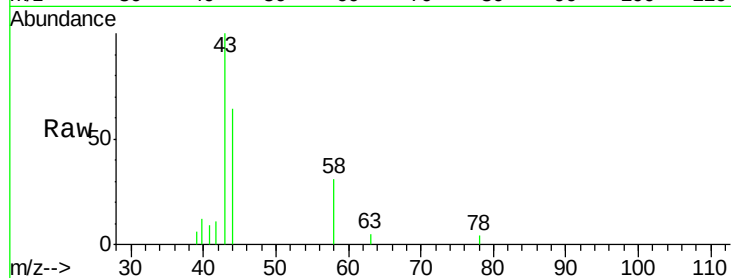
BFSH5

Tot Ion: 43 Resp: 5232

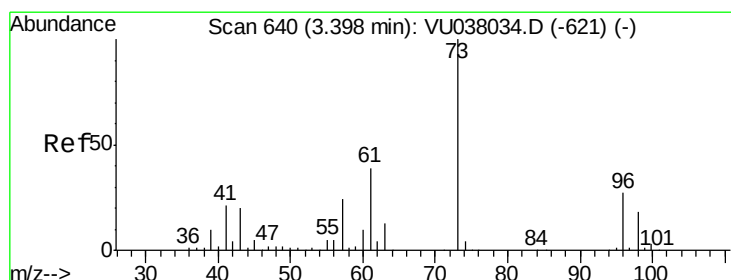
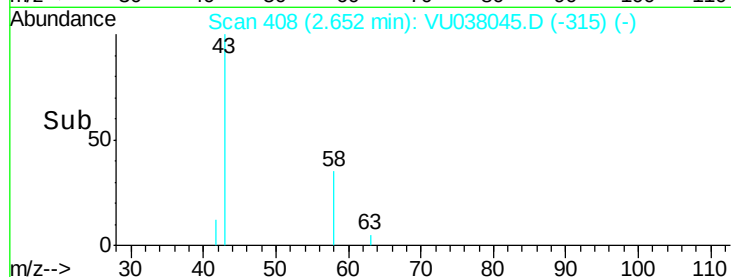
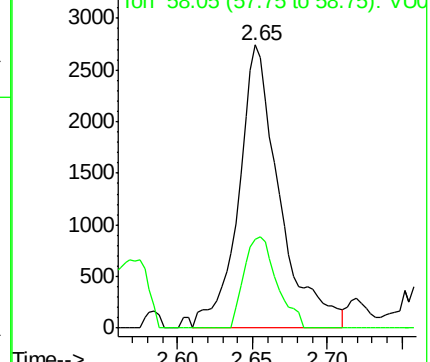
Ion Ratio Lower Upper

43 100

58 25.6 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038034.D (-395) (-)



#17

Methyl tert-butyl Ether

Concen: 0.265 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038045.D

Acq: 07 May 2020 17:44

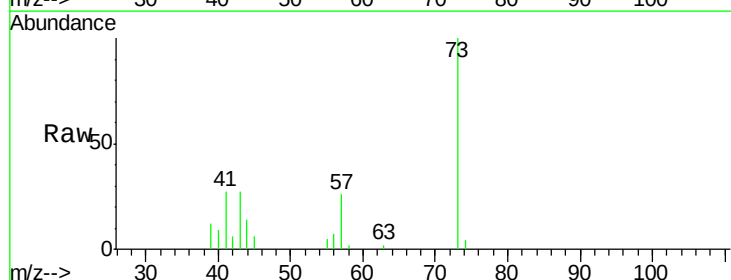
Tgt Ion: 73 Resp: 16668

Ion Ratio Lower Upper

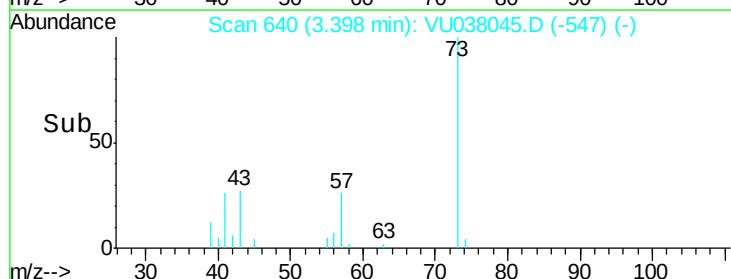
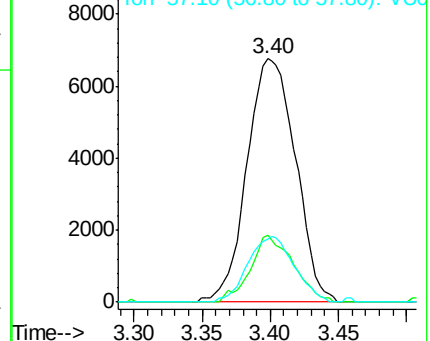
73 100

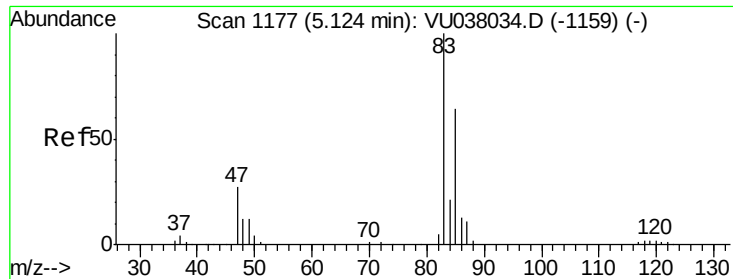
43 24.3 16.9 25.3

57 25.8 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038034.D (-621) (-)

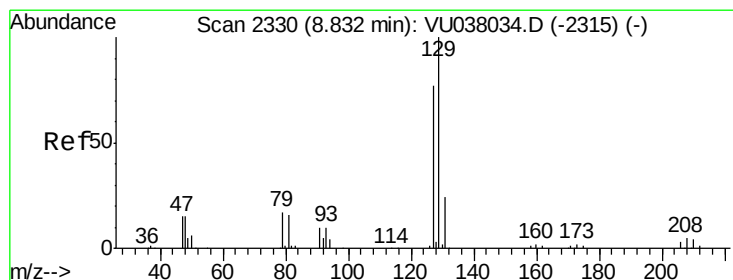
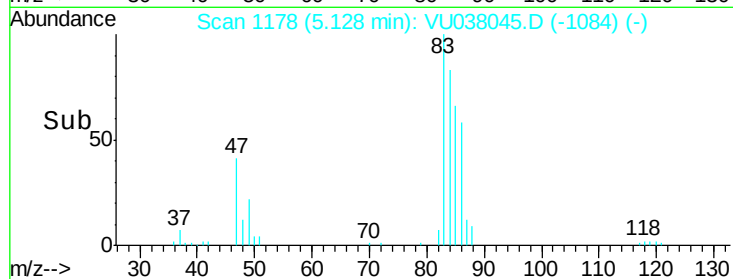
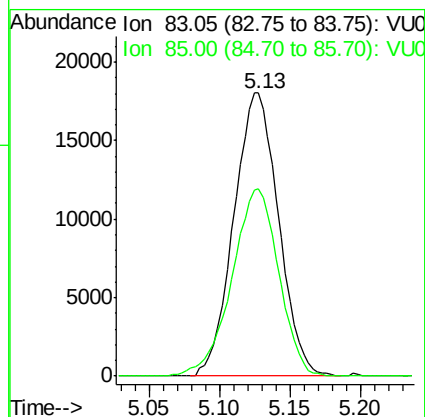
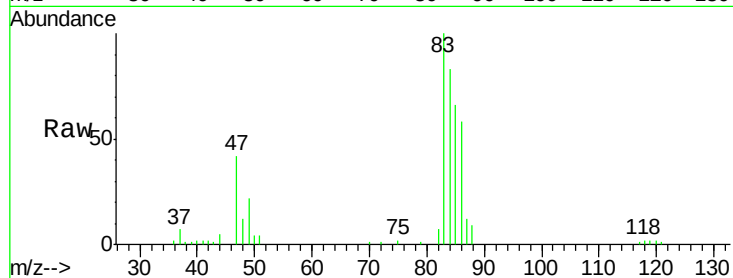




#25
Chloroform
Concen: 0.888 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038045.D
Acq: 07 May 2020 17:44

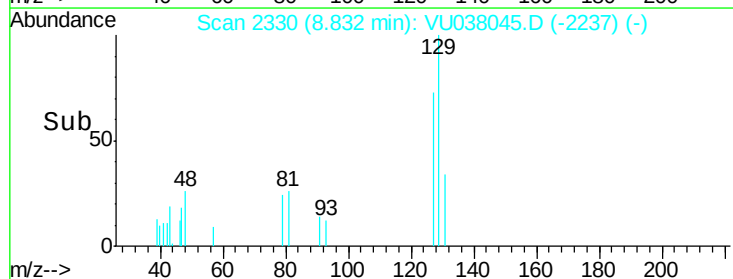
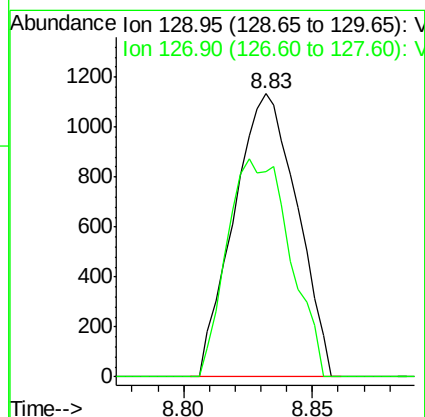
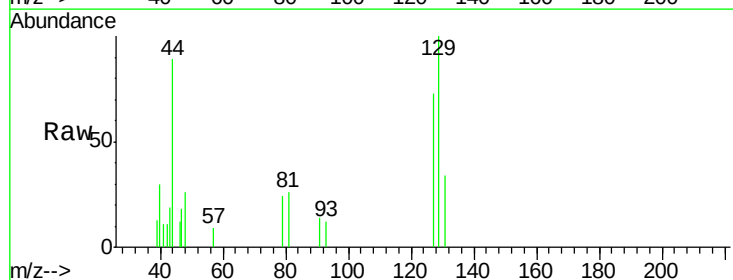
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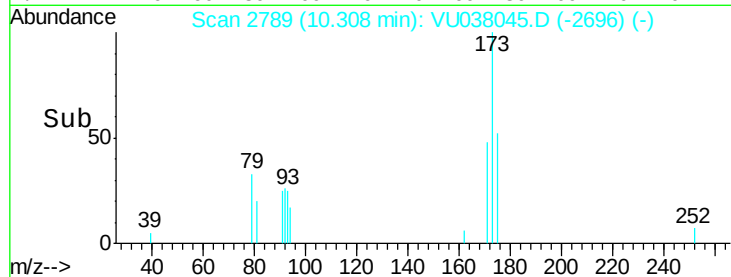
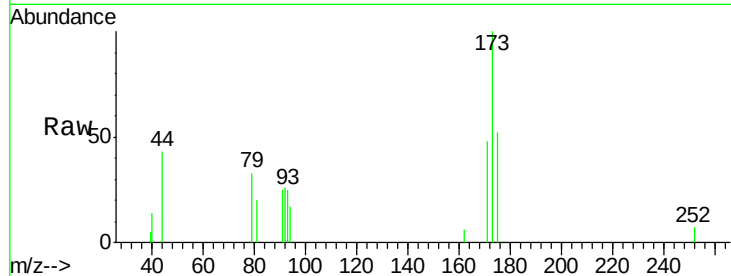
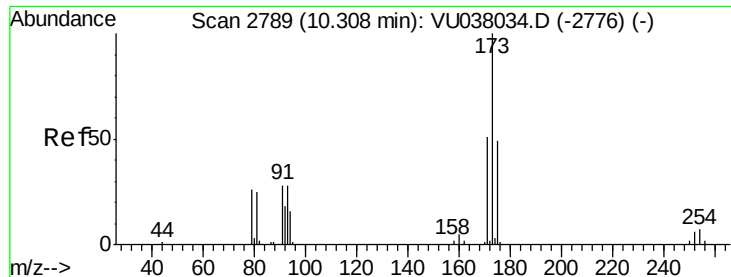
Tot Ion: 83 Resp: 39977
Ion Ratio Lower Upper
83 100
85 66.1 46.2 85.8



#49
Dibromochloromethane
Concen: 0.096 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU038045.D
Acq: 07 May 2020 17:44

Tgt Ion: 129 Resp: 1938
Ion Ratio Lower Upper
129 100
127 72.6 55.6 103.4





#61

Bromoform

Concen: 0.336 ug/L

RT: 10.31 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VU038045.D

Acq: 07 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

BFSH5

Tot Ion:173 Resp: 3266

Ion Ratio Lower Upper

173 100

175 46.8 39.5 59.3

254 0.0 5.0 7.4#

