

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
 Data File : VU036616.D
 Acq On : 30 Jan 2020 14:01
 Operator : JC/MD
 Sample : L1301-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFM08

Quant Time: Jan 30 15:36:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 12:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	303635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	124836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91666	40.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.62%
7) Chloroethane-d5	1.93	69	83359	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.44%
11) 1,1-Dichloroethene-d2	2.59	63	119205	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.84%
21) 2-Butanone-d5	4.68	46	143127	106.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.03%
24) Chloroform-d	5.11	84	163997	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.75	65	103777	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
32) Benzene-d6	5.77	84	367337	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.73	67	116769	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.00%
41) Toluene-d8	7.93	98	344693	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%
43) trans-1,3-Dichloropropene-	8.21	79	52563	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.86%
47) 2-Hexanone-d5	8.67	63	121270	107.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.49%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	168971	47.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.48%
64) 1,2-Dichlorobenzene-d4	12.21	152	125481	46.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.68%

Target Compounds

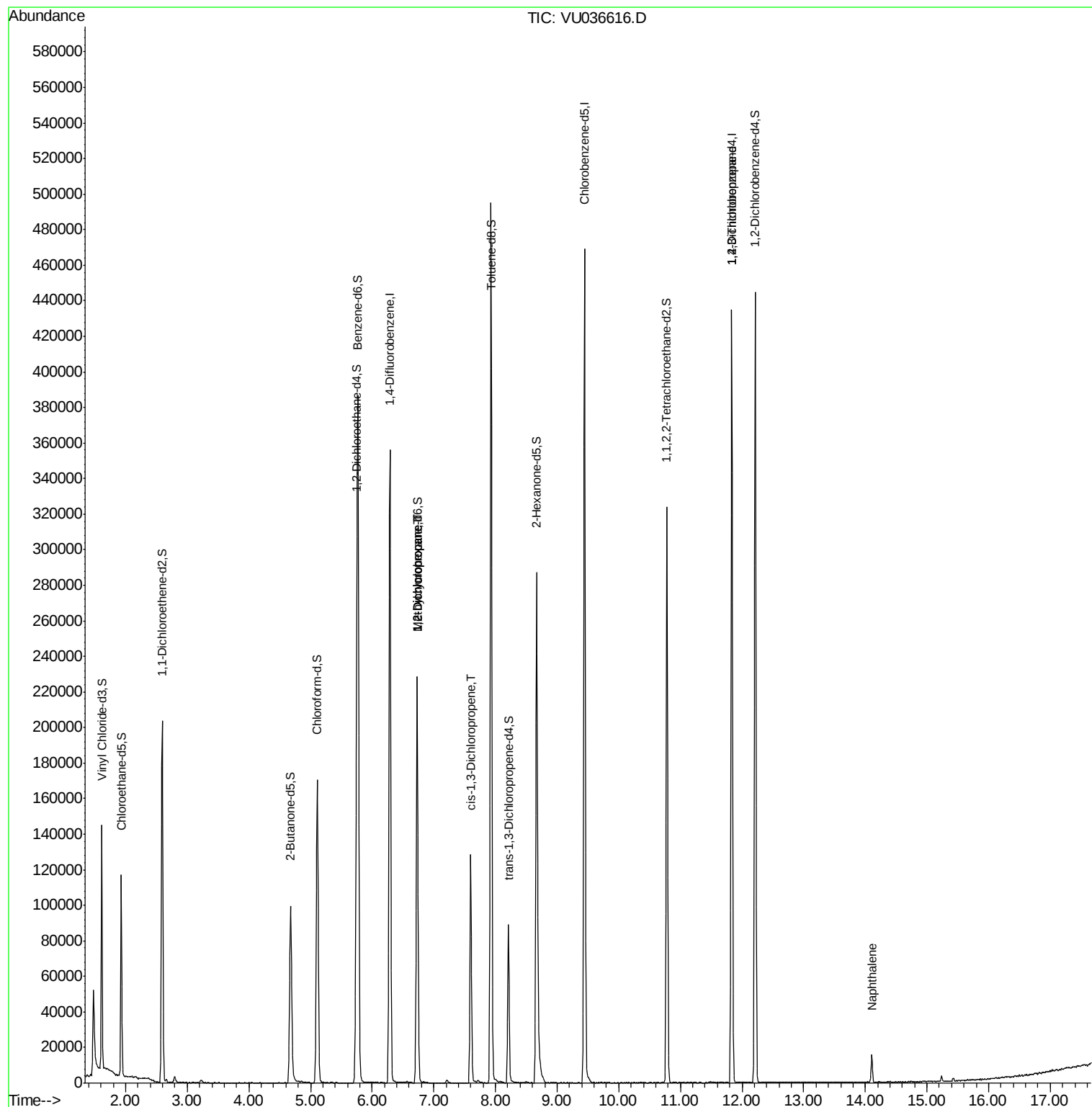
						Qvalue
35) Methylcyclohexane	6.73	83	26214	7.36	ug/L	# 21
37) 1,2-Dichloropropane	6.73	63	11326	5.37	ug/L	# 87
39) cis-1,3-Dichloropropene	7.60	75	2877	0.85	ug/L	# 65
59) 1,2,3-Trichloropropane	11.83	75	13705	4.81	ug/L	91
69) Naphthalene	14.10	128	13102	2.18	ug/L	98

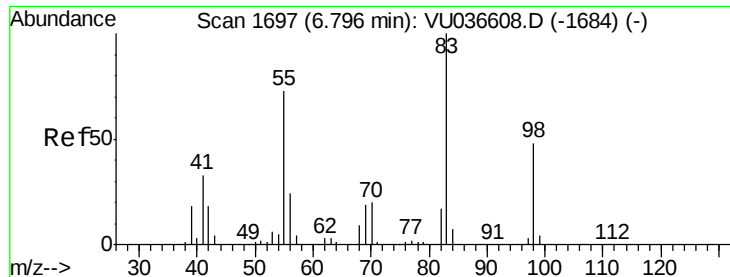
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036616.D
Acq On : 30 Jan 2020 14:01
Operator : JC/MD
Sample : L1301-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFM08

Quant Time: Jan 30 15:36:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 12:57:35 2020
Response via : Initial Calibration

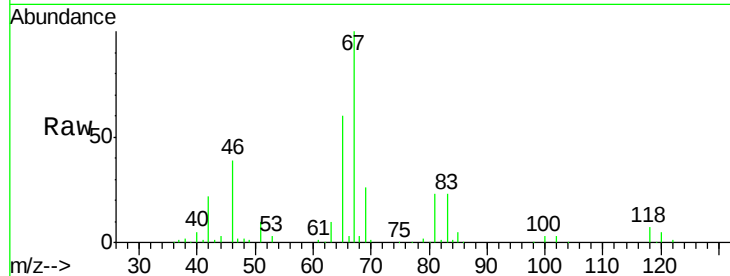




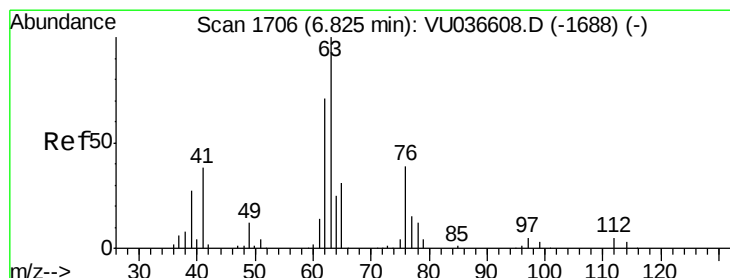
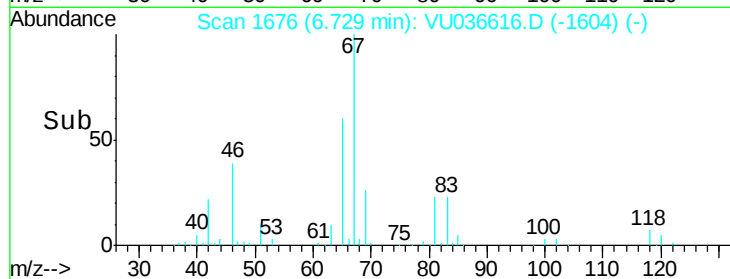
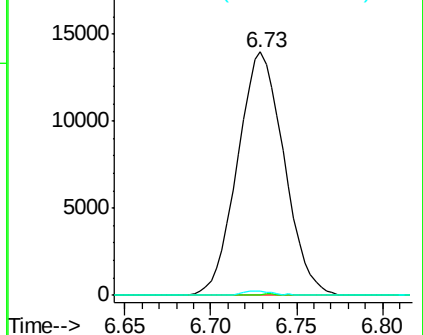
#35
Methylcyclohexane
Concen: 7.36 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036616.D
Acq: 30 Jan 2020 14:01

Instrument :
MSVOA_U
ClientSampleId :
BFM08

Tgt Ion: 83 Resp: 26214
Ion Ratio Lower Upper
83 100
55 0.2 56.1 84.1#
98 1.0 37.5 56.3#

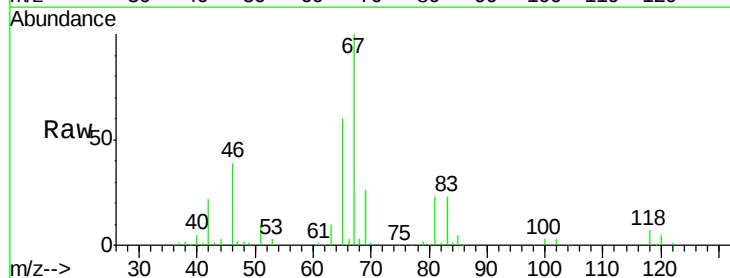


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

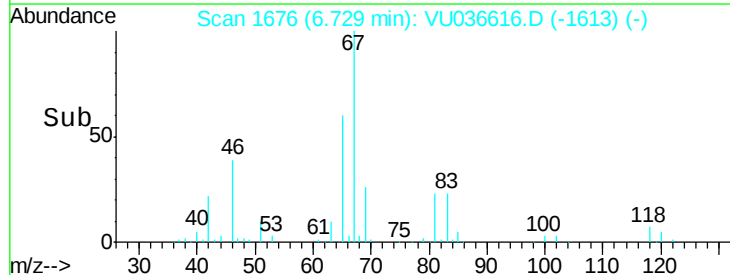
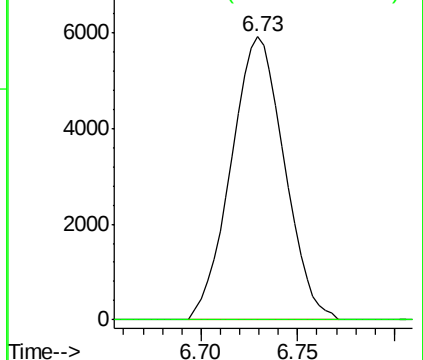


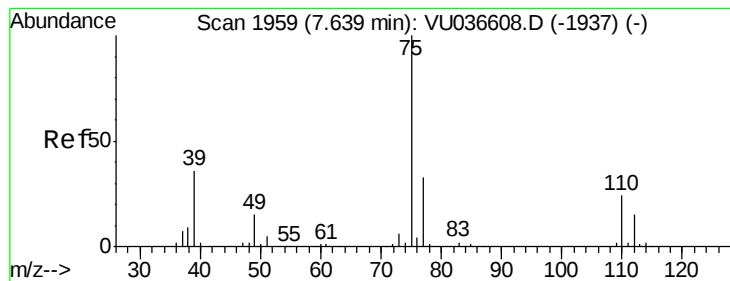
#37
1,2-Dichloropropane
Concen: 5.37 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036616.D
Acq: 30 Jan 2020 14:01

Tgt Ion: 63 Resp: 11326
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.85 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036616.D

Acq: 30 Jan 2020 14:01

Instrument :

MSVOA_U

ClientSampleId :

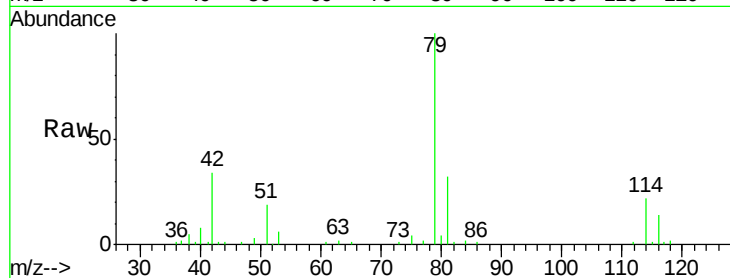
BFM08

Tgt Ion: 75 Resp: 2877

Ion Ratio Lower Upper

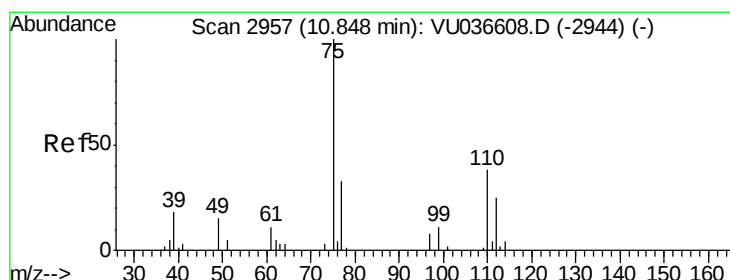
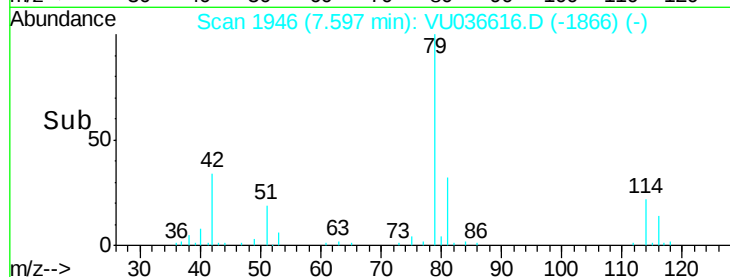
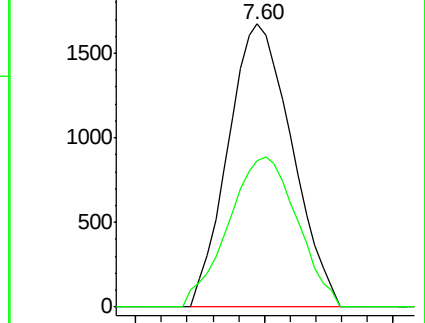
75 100

77 51.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.81 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.98 min

Lab File: VU036616.D

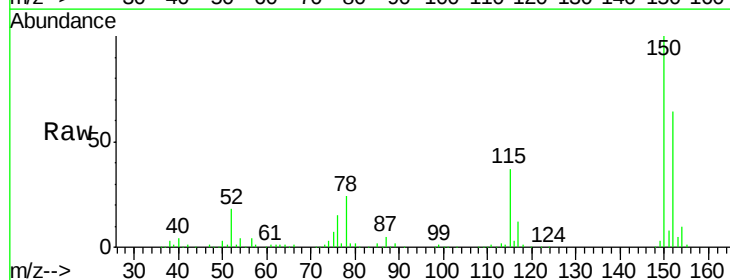
Acq: 30 Jan 2020 14:01

Tgt Ion: 75 Resp: 13705

Ion Ratio Lower Upper

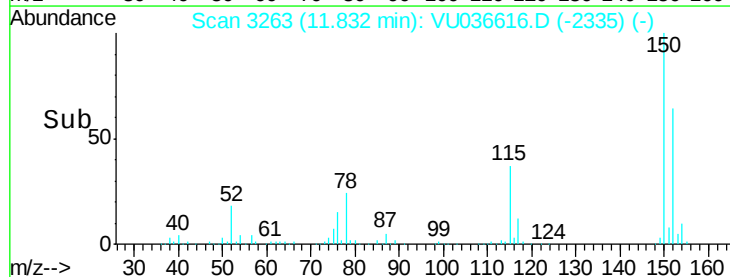
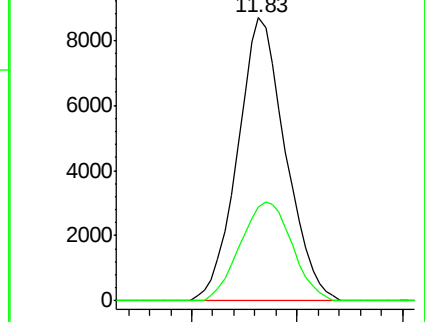
75 100

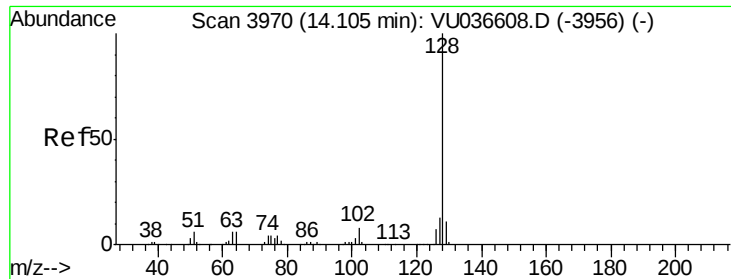
77 37.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 2.18 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036616.D

Acq: 30 Jan 2020 14:01

Instrument :

MSVOA_U

ClientSampleId :

BFM08

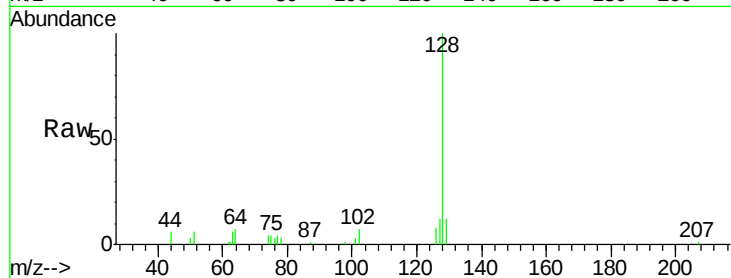
Tgt Ion:128 Resp: 13102

Ion Ratio Lower Upper

128 100

127 12.2 10.6 15.8

129 10.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

