

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091019\
 Data File : VV012652.D
 Acq On : 10 Sep 2019 12:56
 Operator : SY/MD
 Sample : K4724-14RE
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDB4RE

Quant Time: Sep 11 06:27:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 11 05:21:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	209825	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	213777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71573	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.58	69	65858	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.13	63	88185	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.93	46	206896	60.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.82%
24) Chloroform-d	4.40	84	123159	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	84115	6.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	135.80%#
32) Benzene-d6	5.10	84	260190	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	91947	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.36	98	188960	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.66	79	28867	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.13	63	108608	51.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	71334	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	81131	6.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.40%#

Target Compounds

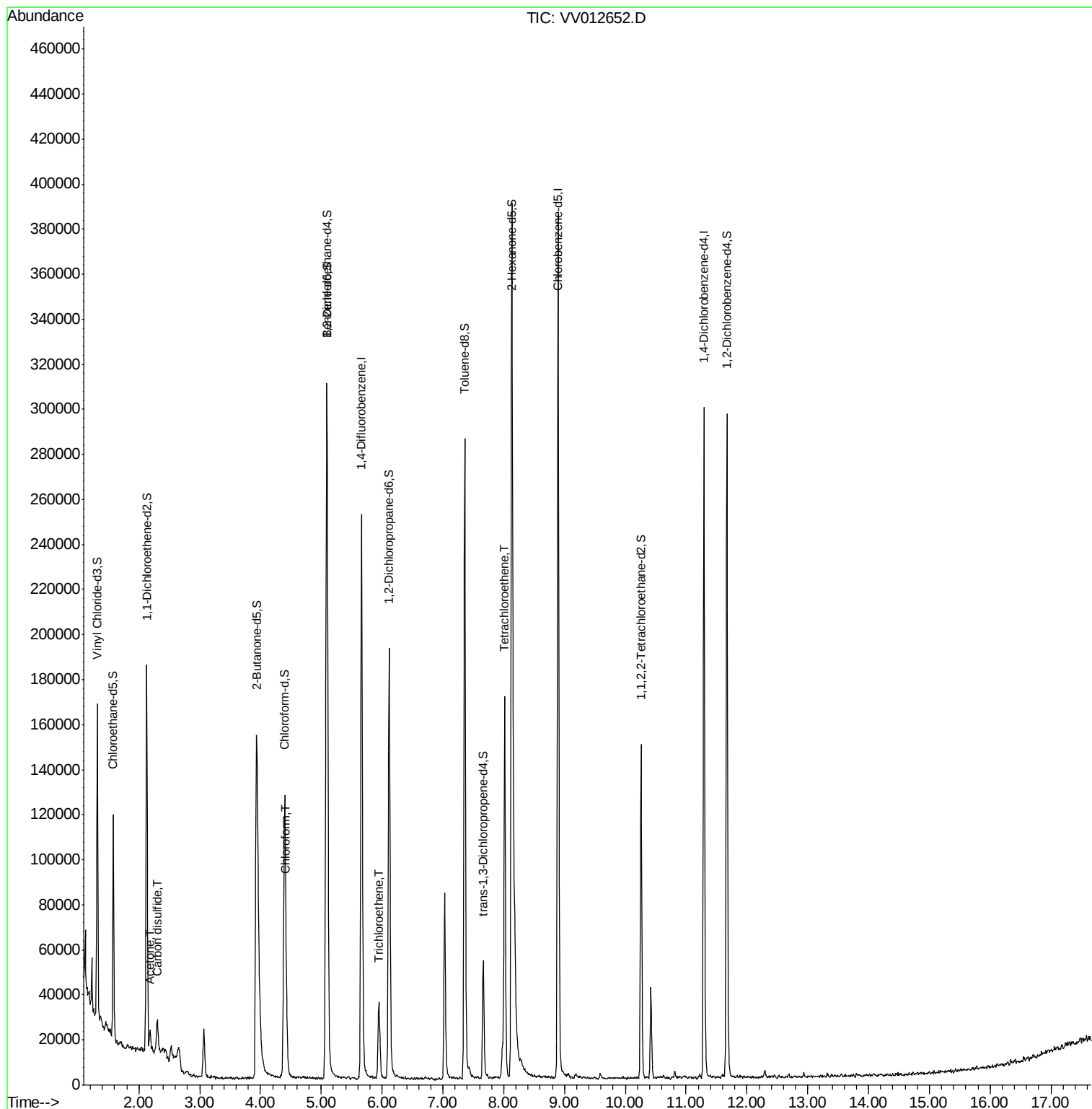
					Ovalue
13) Acetone	2.18	43	7885	3.928 ug/L	89
14) Carbon disulfide	2.32	76	3598	0.103 ug/L #	81
25) Chloroform	4.43	83	20463	0.674 ug/L	96
34) Trichloroethene	5.96	95	3184	0.184 ug/L	91
47) Tetrachloroethene	8.02	164	38577	2.846 ug/L	98

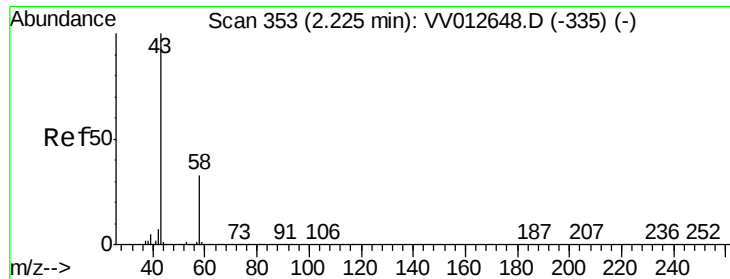
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.928 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV012652.D

Acq: 10 Sep 2019 12:56

Instrument :

MSVOA_V

ClientSampleId :

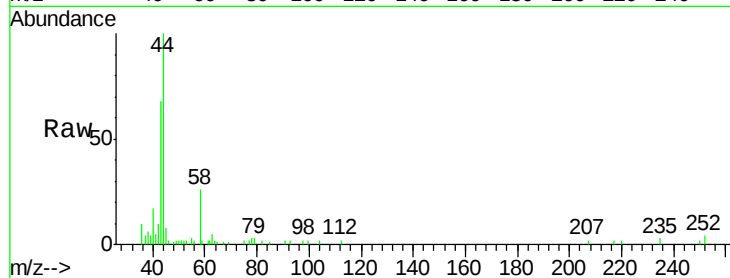
BFDB4RE

Tot Ion: 43 Resp: 7885

Ion Ratio Lower Upper

43 100

58 40.1 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.18

5000

4000

3000

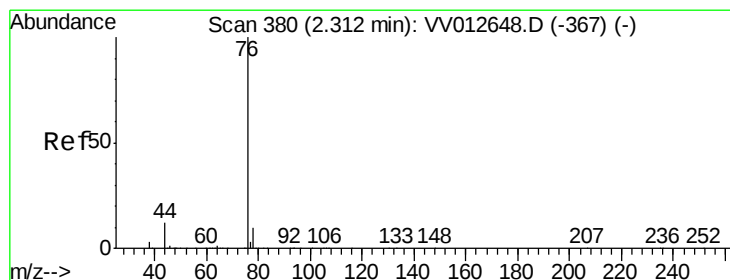
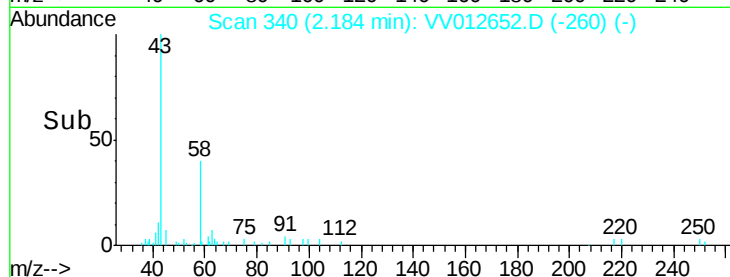
2000

1000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.103 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012652.D

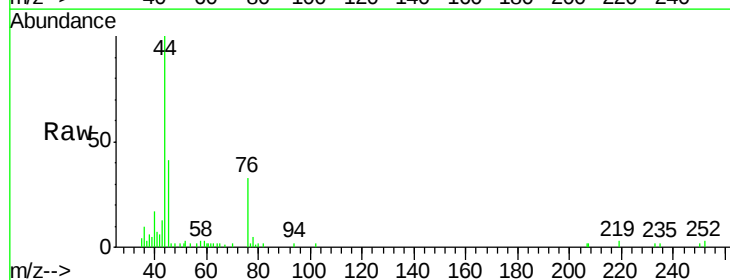
Acq: 10 Sep 2019 12:56

Tgt Ion: 76 Resp: 3598

Ion Ratio Lower Upper

76 100

78 16.0 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

2500

2000

1500

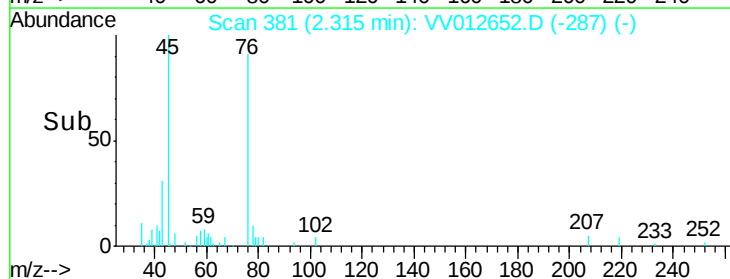
1000

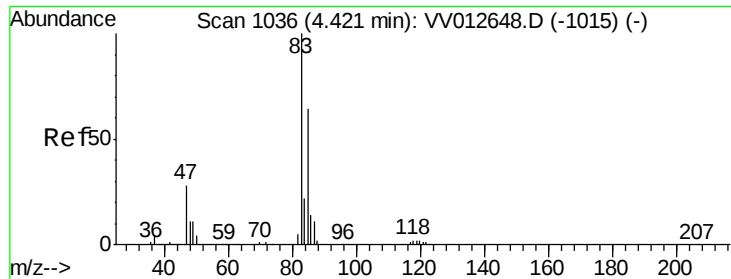
500

0

Time-->

2.30 2.35





#25

Chloroform

Concen: 0.674 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV012652.D

Acq: 10 Sep 2019 12:56

Instrument :

MSVOA_V

ClientSampleId :

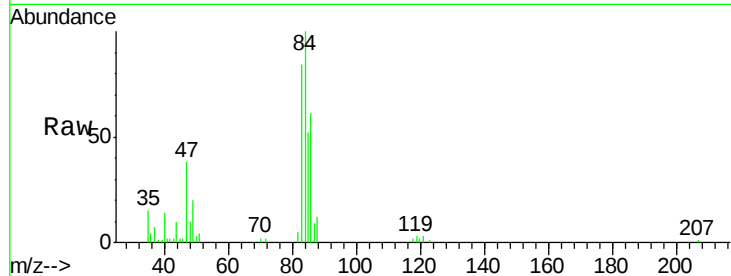
BFDB4RE

Tot Ion: 83 Resp: 20463

Ion Ratio Lower Upper

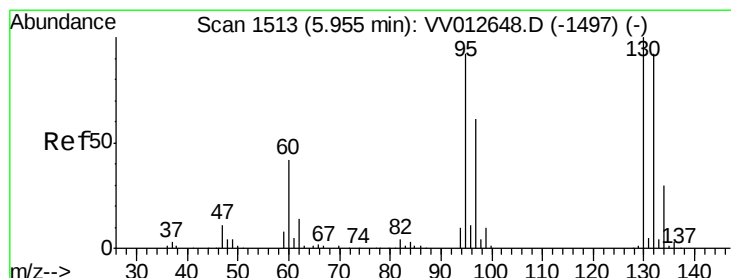
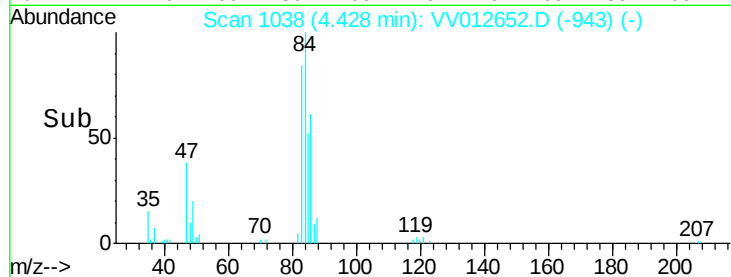
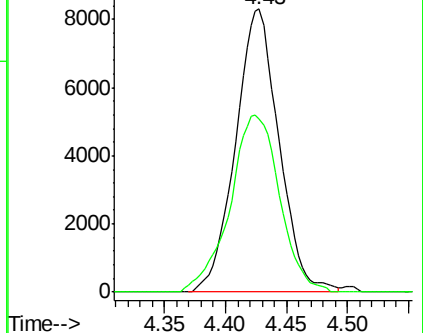
83 100

85 61.2 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV012648.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV012648.D (-1015) (-)



#34

Trichloroethene

Concen: 0.184 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012652.D

Acq: 10 Sep 2019 12:56

Tgt Ion: 95 Resp: 3184

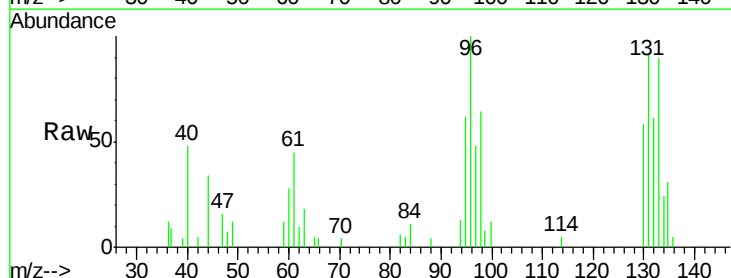
Ion Ratio Lower Upper

95 100

97 77.2 45.4 84.2

132 98.3 70.2 130.4

130 94.2 74.2 137.8

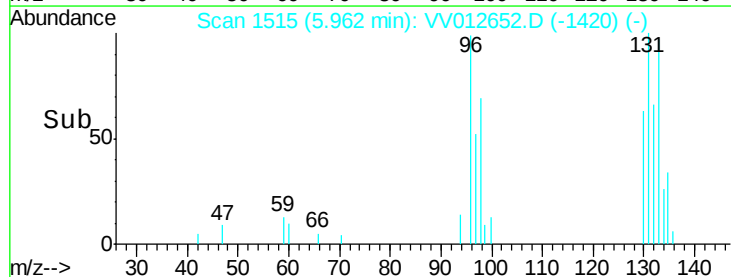
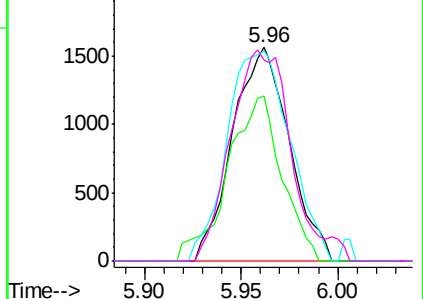


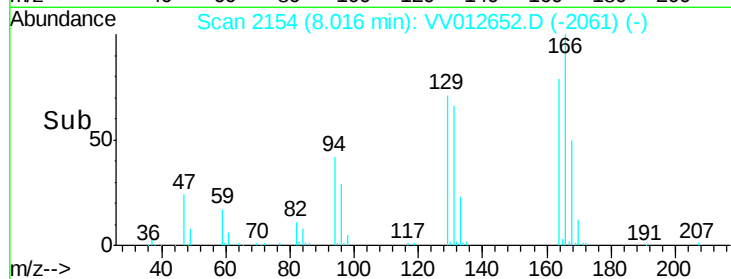
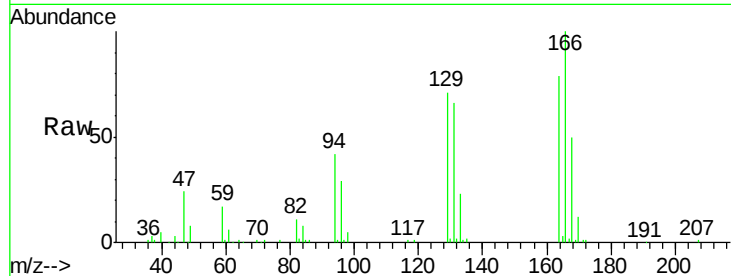
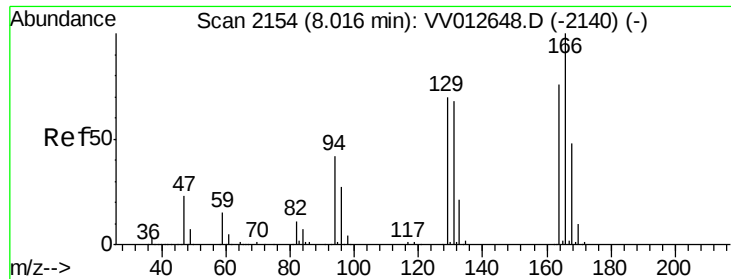
Abundance Ion 95.00 (94.70 to 95.70): VV012648.D (-1497) (-)

Ion 96.95 (96.65 to 97.65): VV012648.D (-1497) (-)

Ion 131.95 (131.65 to 132.65): VV012648.D (-1497) (-)

Ion 129.95 (129.65 to 130.65): VV012648.D (-1497) (-)





#47

Tetrachloroethene

Concen: 2.846 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012652.D

Acq: 10 Sep 2019 12:56

Instrument :
MSVOA_V
ClientSampleId :
BFDB4RE

Tot Ion:164 Resp: 38577

Ion Ratio Lower Upper

164 100

129 89.4 61.9 114.9

131 83.6 59.7 110.9

166 126.4 90.4 167.8

