

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024604.D
 Acq On : 15 Jun 2018 19:27
 Operator : MD/SY
 Sample : J3511-15
 Misc : 3.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEBZ2

Quant Time: Jun 16 01:43:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 00:38:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	336161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	322751	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	158638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	76891	39.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.92%
7) Chloroethane-d5	1.53	69	644	0.44	ug/L	-0.15
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.88%#
11) 1,1-Dichloroethene-d2	2.23	63	121490	31.60	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.20%
21) 2-Butanone-d5	4.20	46	167648	103.22	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.22%
24) Chloroform-d	4.65	84	170680	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
26) 1,2-Dichloroethane-d4	5.31	65	112762	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
32) Benzene-d6	5.34	84	352519	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
36) 1,2-Dichloropropane-d6	6.33	67	121130	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.92%
41) Toluene-d8	7.57	98	352977	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%
43) trans-1,3-Dichloropropene-	7.86	79	59708	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.76%
47) 2-Hexanone-d5	8.33	63	143542	106.95	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.95%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189473	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	11.87	152	153954	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%

Target Compounds

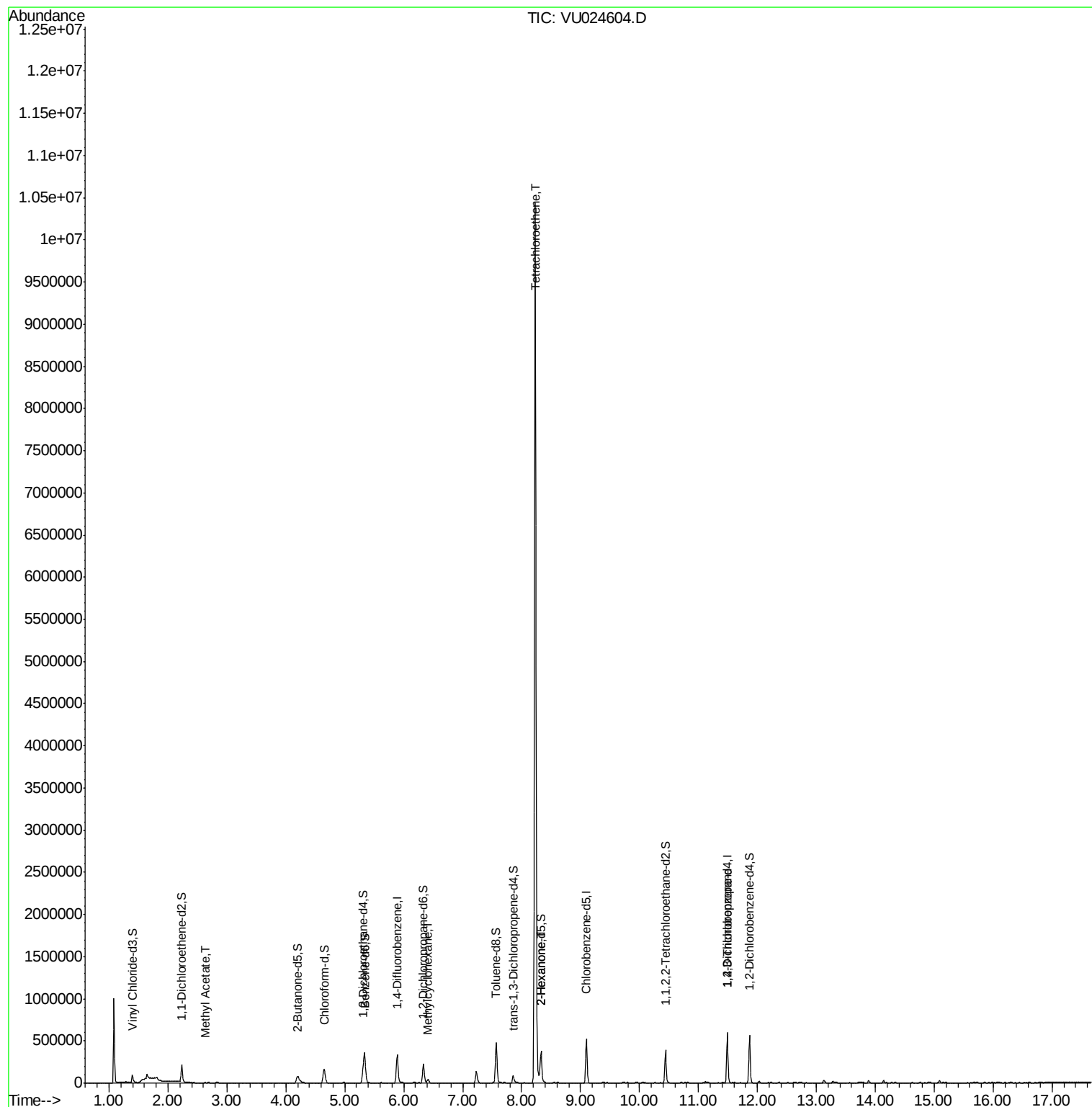
					Qvalue
15) Methyl Acetate	2.63	43	3258	1.226 ug/L #	89
35) Methylcyclohexane	6.41	83	17082	4.054 ug/L	96
46) Tetrachloroethene	8.23	164	2453135	1111.797 ug/L	99
48) 2-Hexanone	8.33	43	17371	5.461 ug/L #	63
59) 1,2,3-Trichloropropane	11.49	75	18599	5.550 ug/L	89

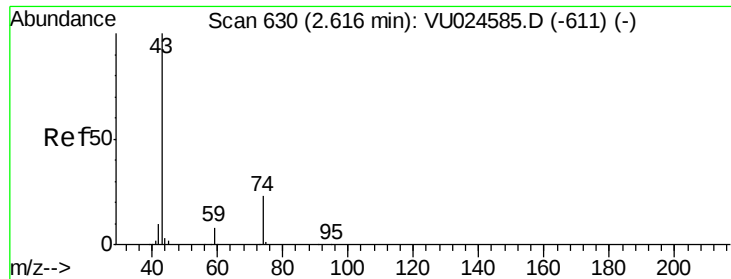
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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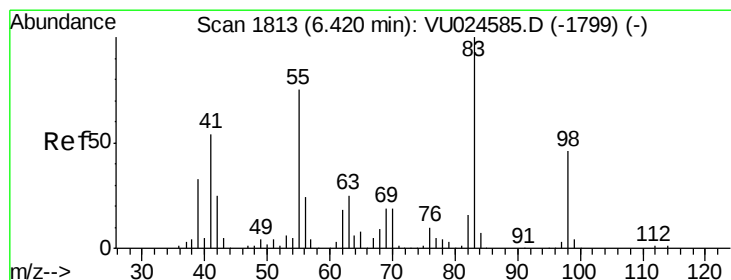
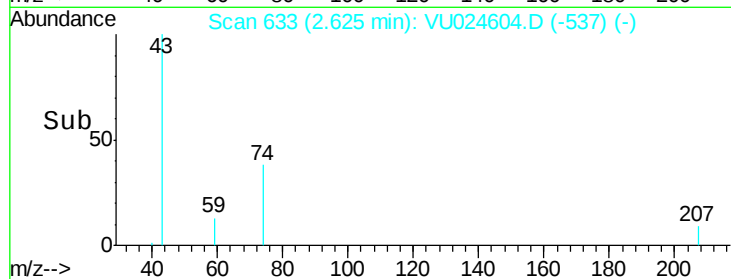
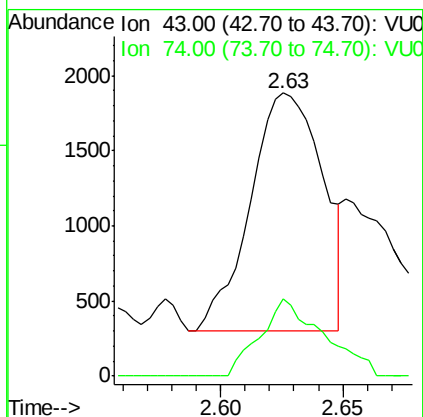
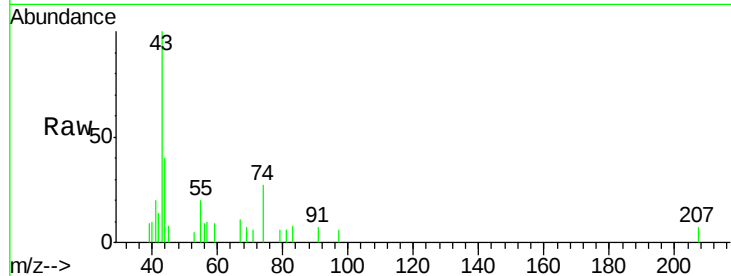




#15
Methyl Acetate
Concen: 1.226 ug/L
RT: 2.63 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU024604.D
Acq: 15 Jun 2018 19:27

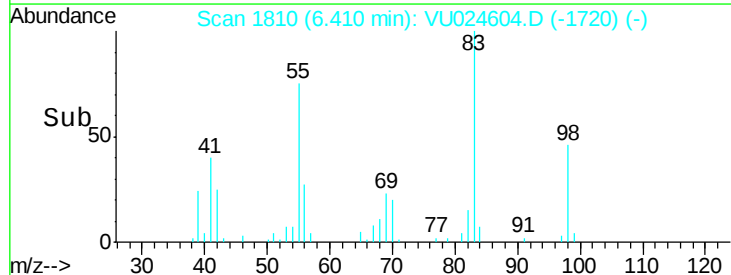
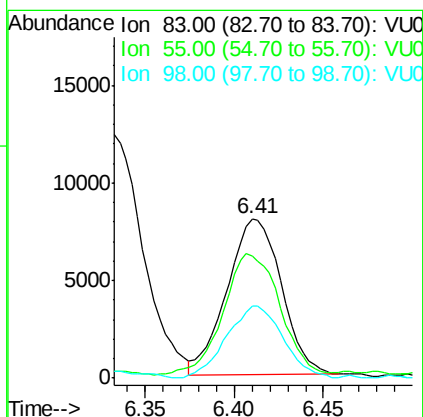
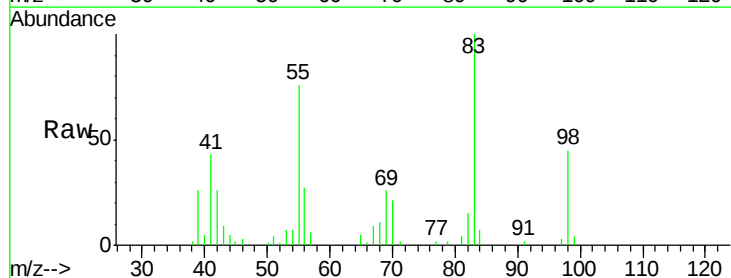
Instrument :
MSVOA_U
ClientSampleId :
BEBZ2

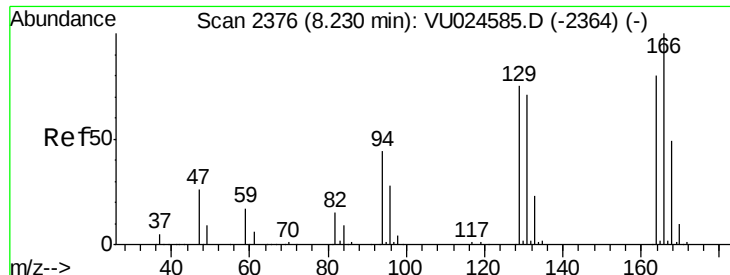
Tgt Ion: 43 Resp: 3258
Ion Ratio Lower Upper
43 100
74 28.5 18.4 27.6#



#35
Methylcyclohexane
Concen: 4.054 ug/L
RT: 6.41 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VU024604.D
Acq: 15 Jun 2018 19:27

Tgt Ion: 83 Resp: 17082
Ion Ratio Lower Upper
83 100
55 79.5 59.4 89.0
98 47.6 37.6 56.4





#46

Tetrachloroethene

Concen: 1111.797 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024604.D

Acq: 15 Jun 2018 19:27

Instrument :

MSVOA_U

ClientSampleId :

BEBZ2

Tgt Ion:164 Resp: 2453135

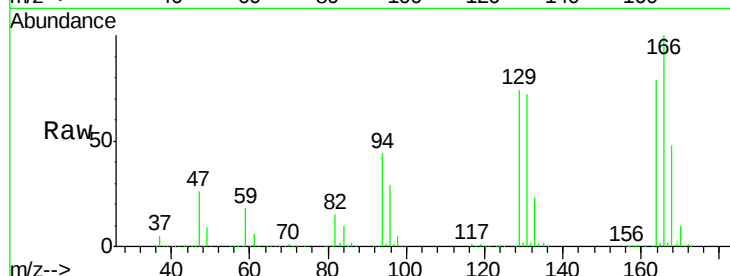
Ion Ratio Lower Upper

164 100

129 93.4 65.7 121.9

131 91.1 62.0 115.2

166 126.2 87.8 163.0

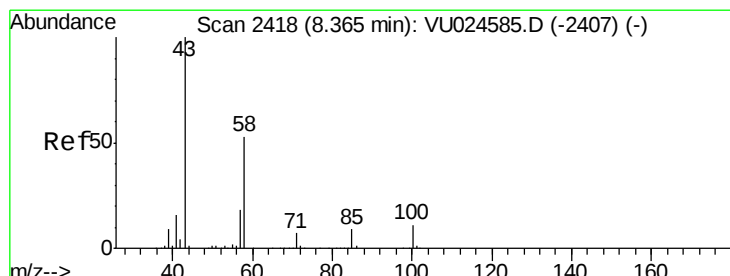
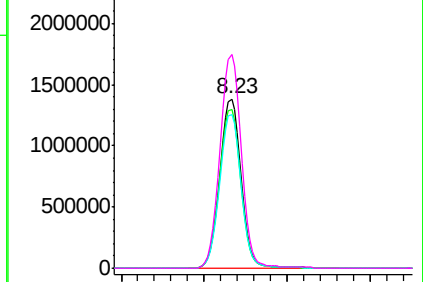
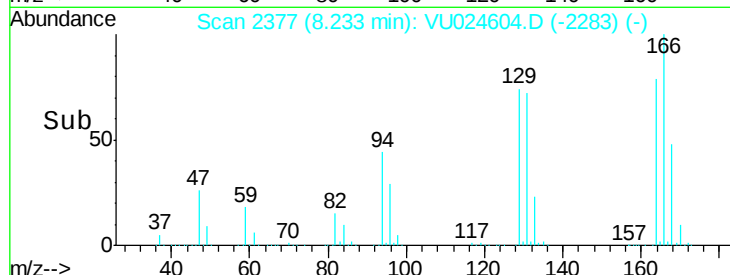


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.461 ug/L

RT: 8.33 min Scan# 2407

Delta R.T. -0.04 min

Lab File: VU024604.D

Acq: 15 Jun 2018 19:27

Tgt Ion: 43 Resp: 17371

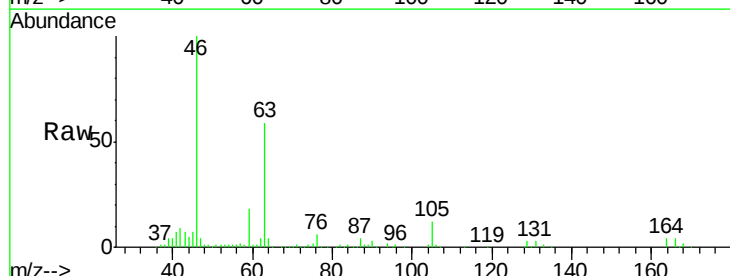
Ion Ratio Lower Upper

43 100

58 20.6 42.6 63.8#

57 25.6 14.7 22.1#

100 0.0 9.0 13.4#

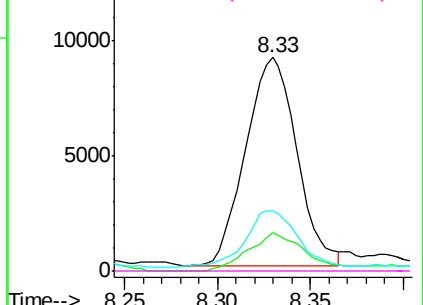
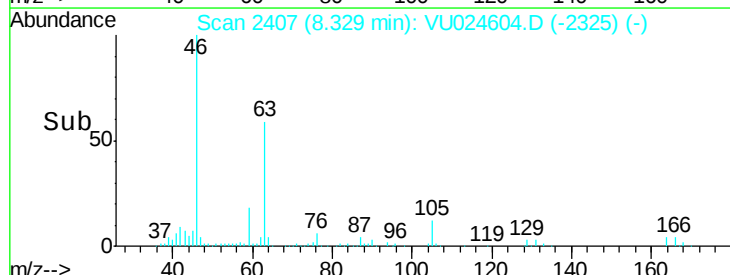


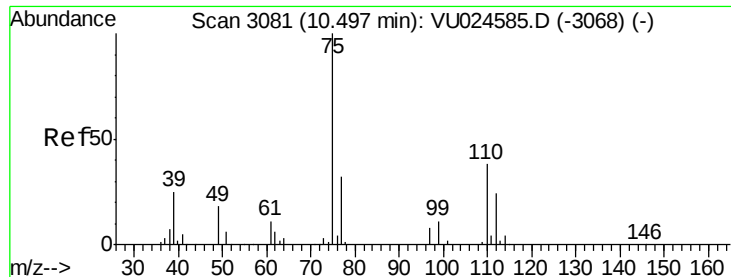
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.550 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024604.D

Acq: 15 Jun 2018 19:27

Instrument :

MSVOA_U

ClientSampleId :

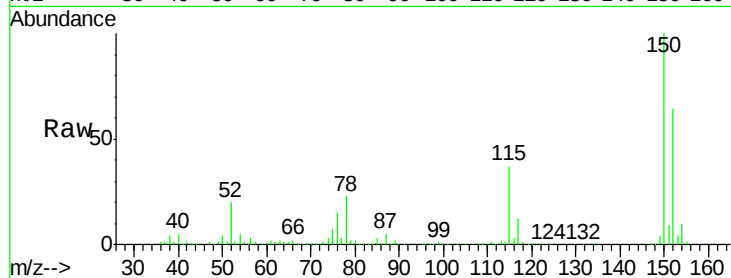
BEBZ2

Tgt Ion: 75 Resp: 18599

Ion Ratio Lower Upper

75 100

77 39.4 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

