

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
 Data File : VU038104.D
 Acq On : 11 May 2020 14:30
 Operator : JC/MD
 Sample : L2578-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF2

Quant Time: May 12 01:12:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 12 01:10:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	724385	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	694874	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	327756	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	221870	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.64%
7) Chloroethane-d5	1.93	69	208425	40.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.42%
11) 1,1-Dichloroethene-d2	2.59	63	293024	28.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.22%#
21) 2-Butanone-d5	4.66	46	467976	93.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.97%
24) Chloroform-d	5.10	84	416880	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.50%
26) 1,2-Dichloroethane-d4	5.74	65	297434	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
32) Benzene-d6	5.76	84	895781	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
36) 1,2-Dichloropropane-d6	6.72	67	302306	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.04%
41) Toluene-d8	7.92	98	787279	41.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.20	79	134915	42.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.74%
47) 2-Hexanone-d5	8.65	63	318143	107.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	430915	44.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	301572	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%

Target Compounds

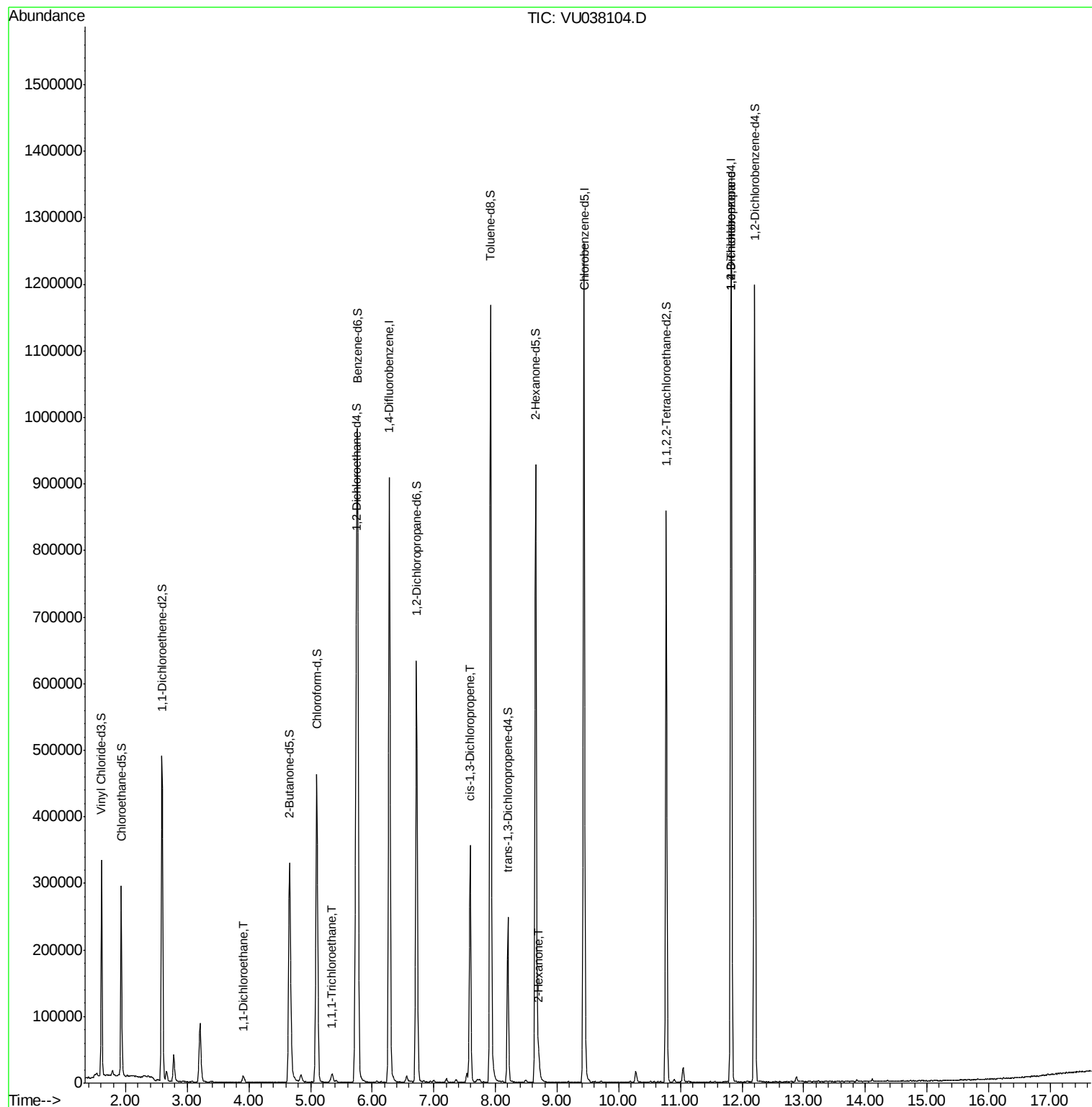
					Ovalue
19) 1,1-Dichloroethane	3.91	63	11497	1.127 ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	9033	1.169 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	7424	0.834 ug/L #	57
48) 2-Hexanone	8.71	43	24384	3.144 ug/L #	94
59) 1,2,3-Trichloropropane	11.82	75	43245	5.370 ug/L	91

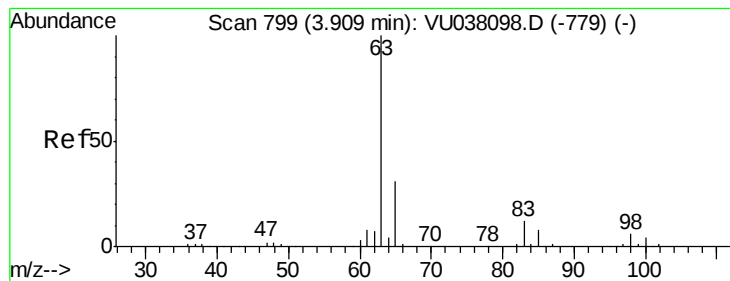
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 1.127 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038104.D

Acq: 11 May 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

BFSF2

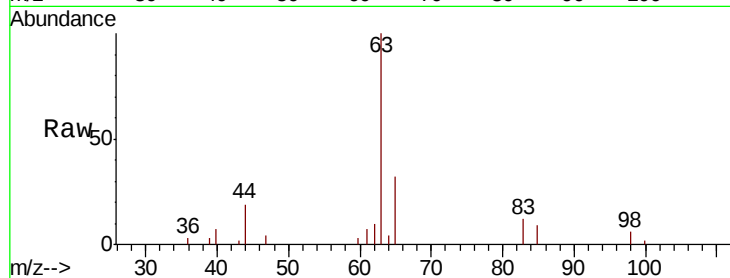
Tot Ion: 63 Resp: 11497

Ion Ratio Lower Upper

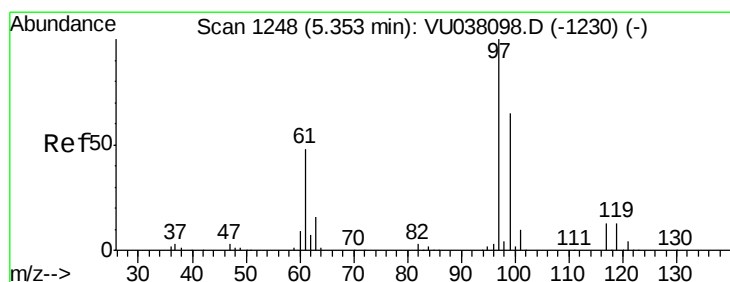
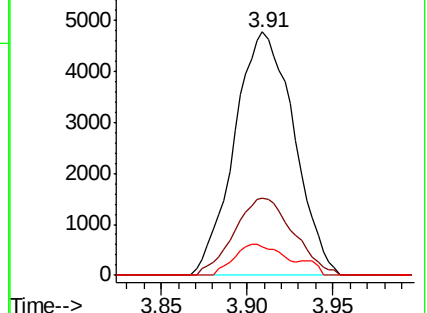
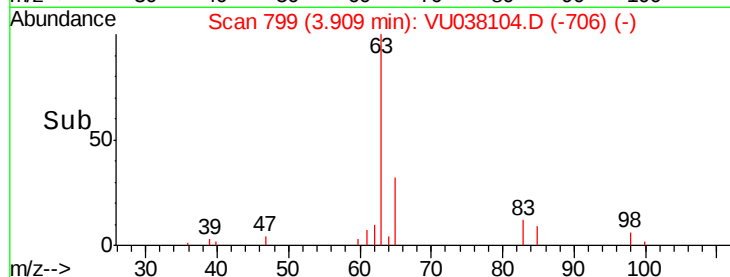
63 100

65 32.0 22.5 41.7

83 11.6 8.5 15.7



Abundance Ion 63.00 (62.70 to 63.70): VU038104.D (-779) (-)



#30

1,1,1-Trichloroethane

Concen: 1.169 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU038104.D

Acq: 11 May 2020 14:30

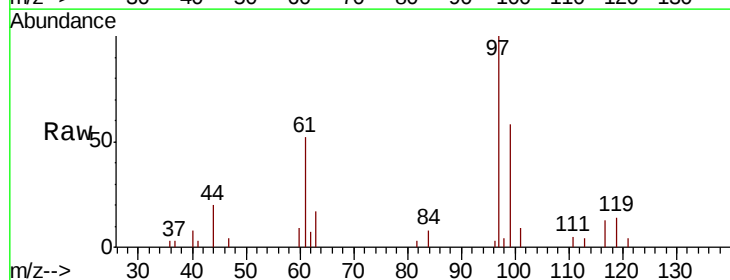
Tgt Ion: 97 Resp: 9033

Ion Ratio Lower Upper

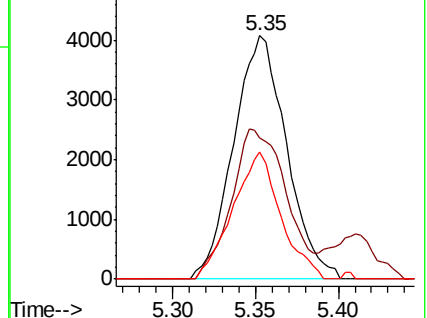
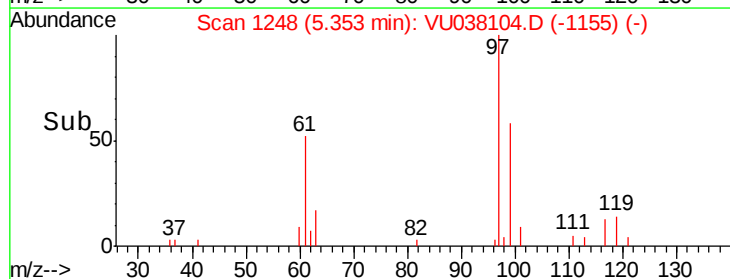
97 100

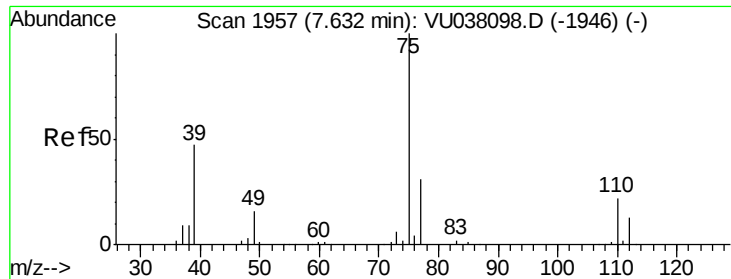
99 63.4 50.5 75.7

61 47.2 38.8 58.2



Abundance Ion 97.00 (96.70 to 97.70): VU038104.D (-1230) (-)

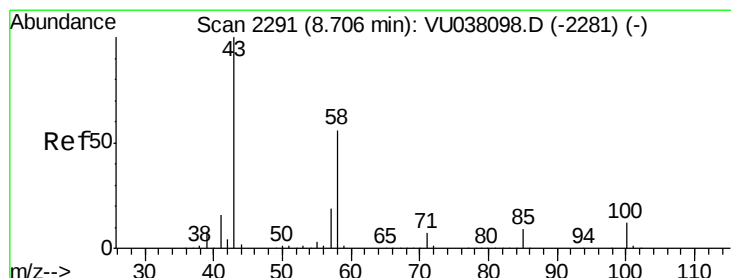
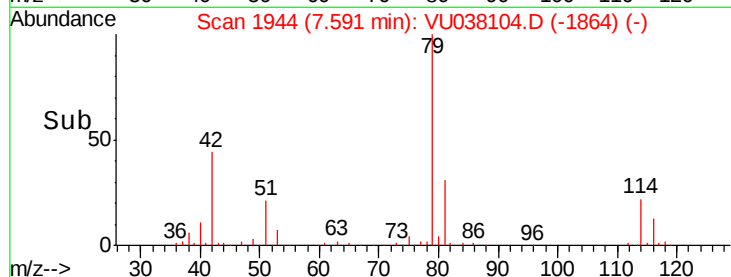
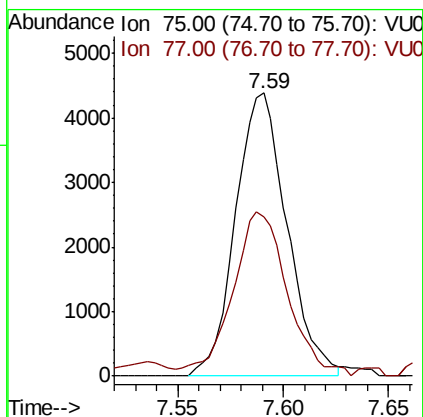
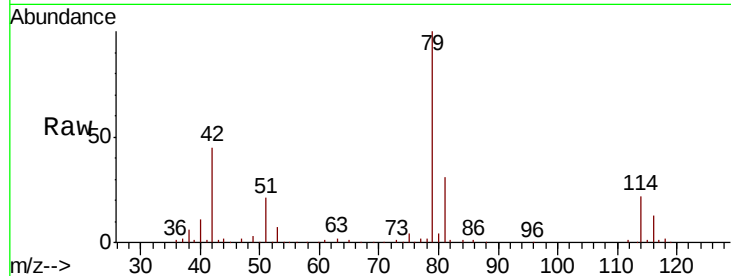




#39
 cis-1,3-Dichloropropene
 Concen: 0.834 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038104.D
 Acq: 11 May 2020 14:30

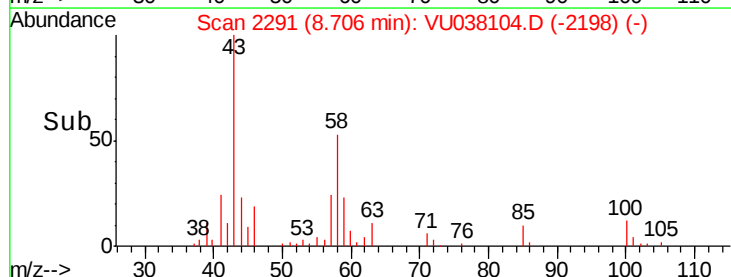
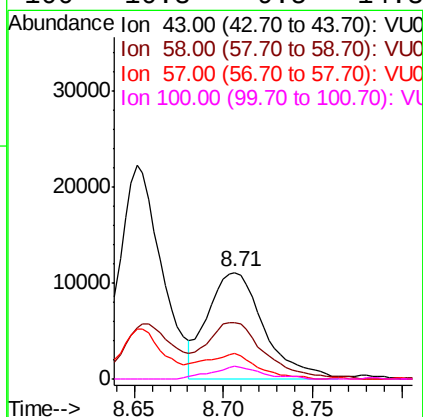
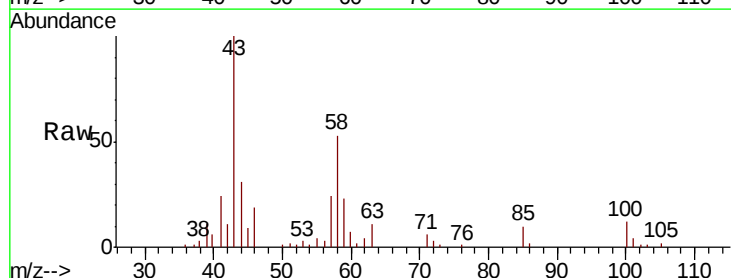
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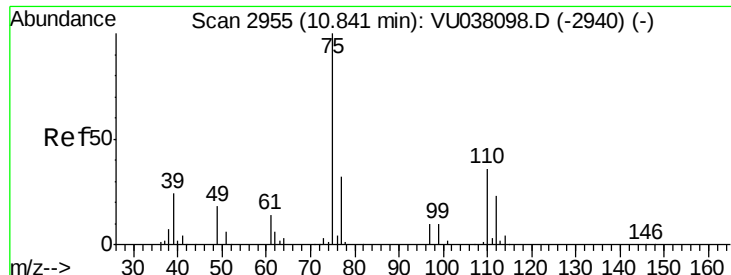
Tot Ion: 75 Resp: 7424
 Ion Ratio Lower Upper
 75 100
 77 56.5 22.6 42.0#



#48
 2-Hexanone
 Concen: 3.144 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038104.D
 Acq: 11 May 2020 14:30

Tgt Ion: 43 Resp: 24384
 Ion Ratio Lower Upper
 43 100
 58 55.2 46.4 69.6
 57 14.9 16.4 24.6#
 100 10.3 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 5.370 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038104.D

Acq: 11 May 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

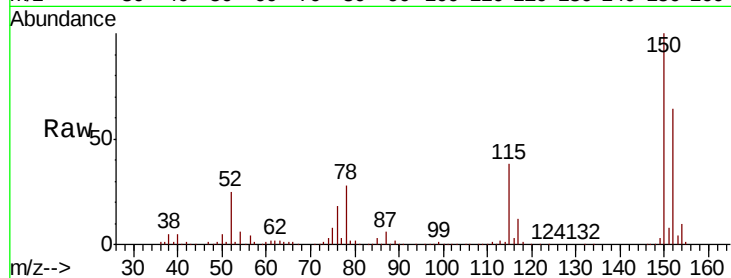
BFSF2

Tot Ion: 75 Resp: 43245

Ion Ratio Lower Upper

75 100

77 36.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

