

Data File : VU030290.D
Acq On : 22 Mar 2019 00:42
Operator : JC/SP
Sample : K2017-22
Misc : 5.82g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0F1

Quant Time: Mar 22 05:21:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	562110	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	565285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	286034	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	159984	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.18%
7) Chloroethane-d5	1.64	69	74933	24.65	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.30%#
11) 1,1-Dichloroethene-d2	2.33	63	257	0.04	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.19	46	258304	91.60	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.60%
24) Chloroform-d	4.64	84	295395	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
26) 1,2-Dichloroethane-d4	5.30	65	177541	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
32) Benzene-d6	5.33	84	647032	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
36) 1,2-Dichloropropane-d6	6.32	67	203638	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.36%
41) Toluene-d8	7.56	98	587116	41.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.84%
43) trans-1,3-Dichloropropene-	7.85	79	90507	40.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.66%
47) 2-Hexanone-d5	8.32	63	232800	97.40	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	336210	47.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	263571	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

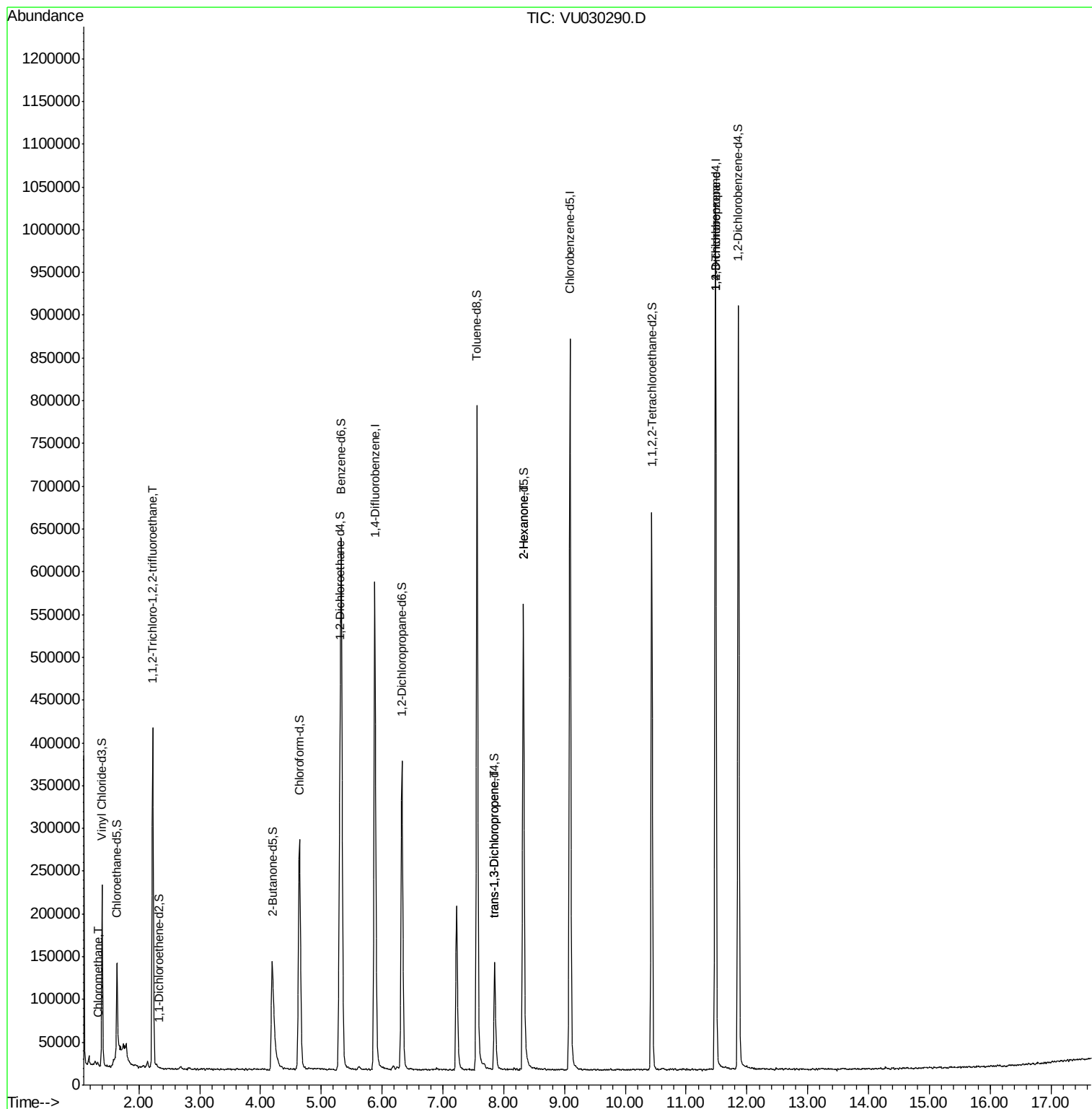
					Qvalue
3) Chloromethane	1.32	50	3387	0.735 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2279	0.604 ug/L #	18
44) trans-1,3-Dichloropropene	7.85	75	3094	0.534 ug/L #	75
48) 2-Hexanone	8.32	43	23337	4.898 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	30050	5.323 ug/L	95

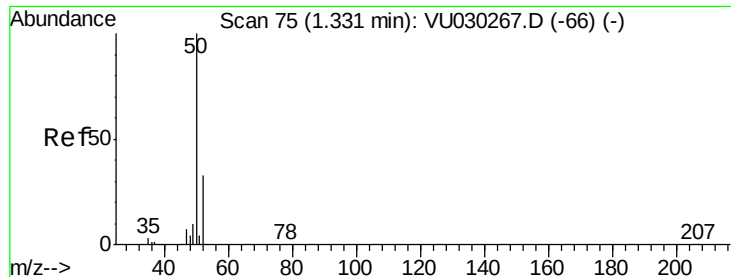
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.735 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

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Acq: 22 Mar 2019 00:42

Instrument :

MSVOA_U

ClientSampleId :

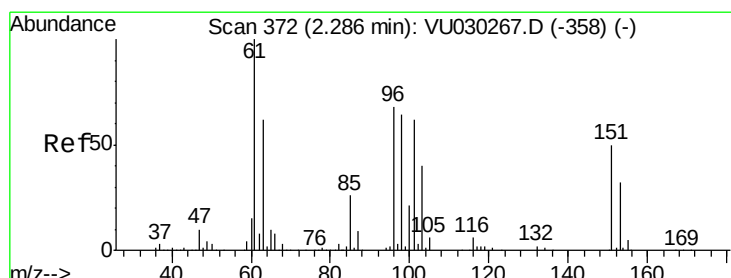
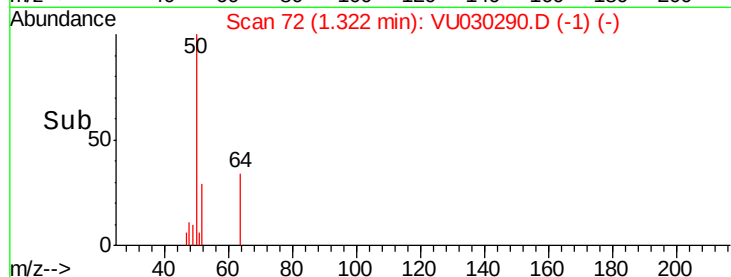
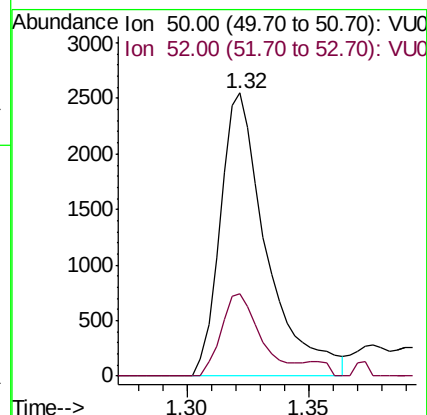
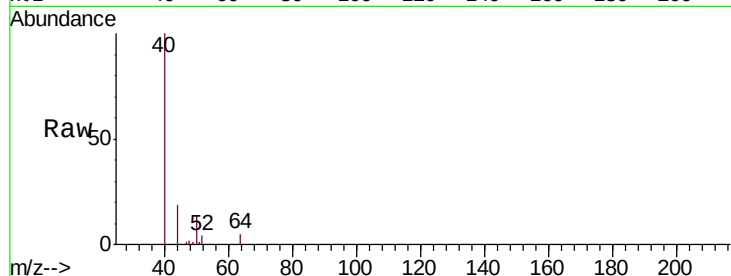
BF0F1

Tgt Ion: 50 Resp: 3387

Ion Ratio Lower Upper

50 100

52 29.2 23.4 43.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.604 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

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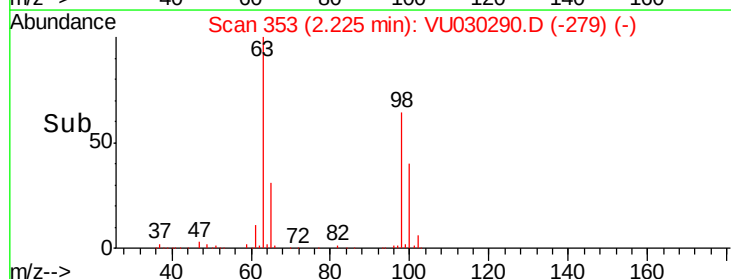
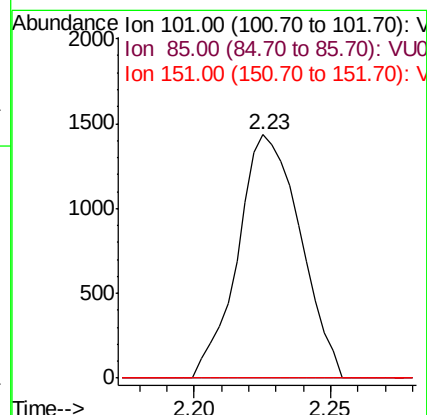
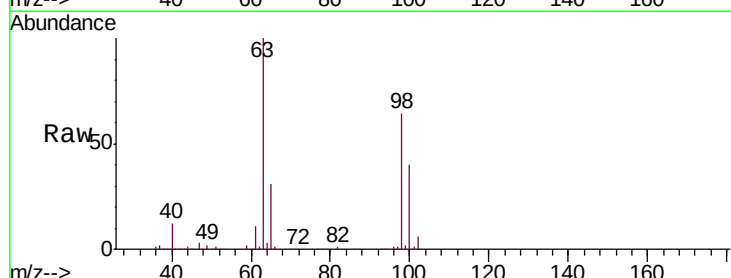
Tgt Ion: 101 Resp: 2279

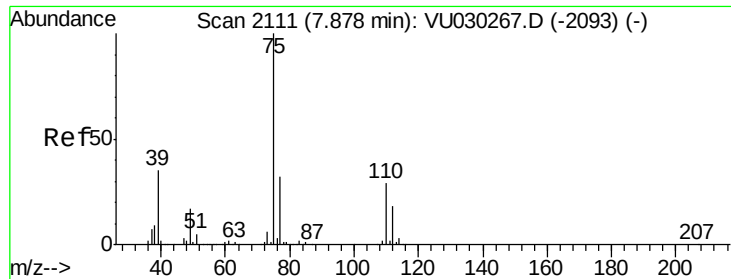
Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 64.7 97.1#





#44

trans-1,3-Dichloropropene

Concen: 0.534 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

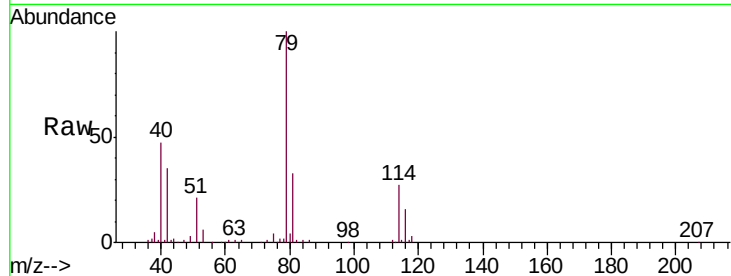
BF0F1

Tgt Ion: 75 Resp: 3094

Ion Ratio Lower Upper

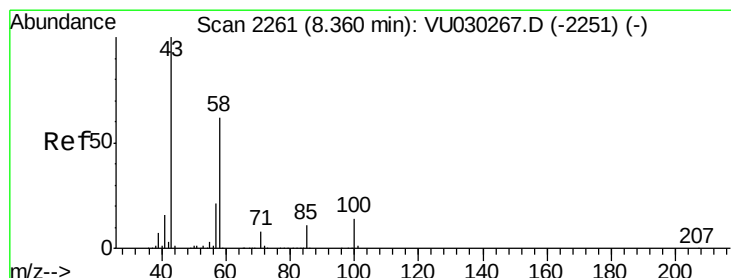
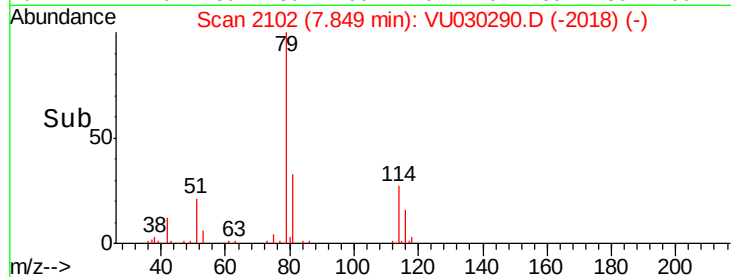
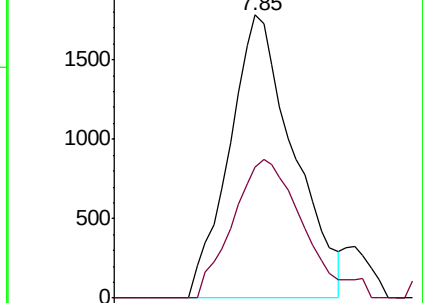
75 100

77 46.3 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VU030267.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030267.D (-2093) (-)



#48

2-Hexanone

Concen: 4.898 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU030290.D

Acq: 22 Mar 2019 00:42

Tgt Ion: 43 Resp: 23337

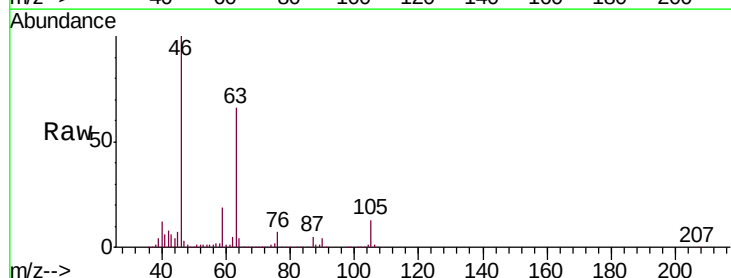
Ion Ratio Lower Upper

43 100

58 27.0 49.3 73.9#

57 27.3 17.0 25.4#

100 0.0 11.0 16.4#

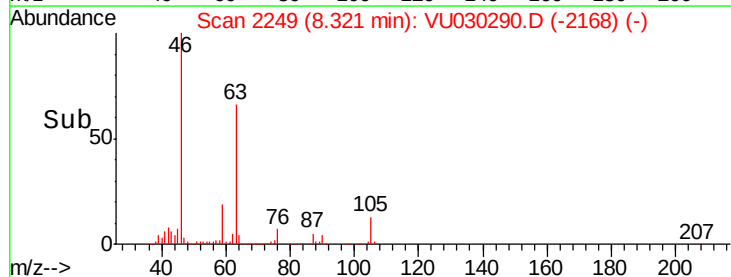
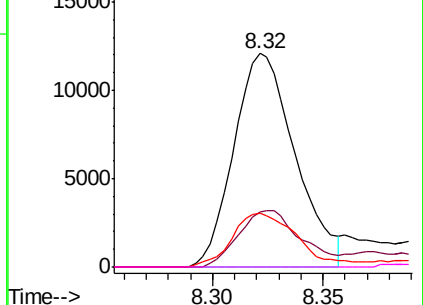


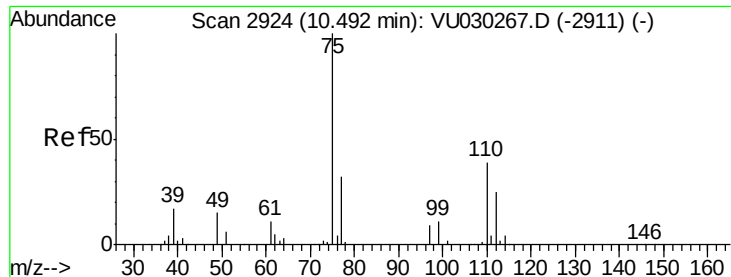
Abundance Ion 43.00 (42.70 to 43.70): VU030267.D (-2251) (-)

Ion 58.00 (57.70 to 58.70): VU030267.D (-2251) (-)

Ion 57.00 (56.70 to 57.70): VU030267.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU030267.D (-2251) (-)





#59

1,2,3-Trichloropropane

Concen: 5.323 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

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ClientSampleId :

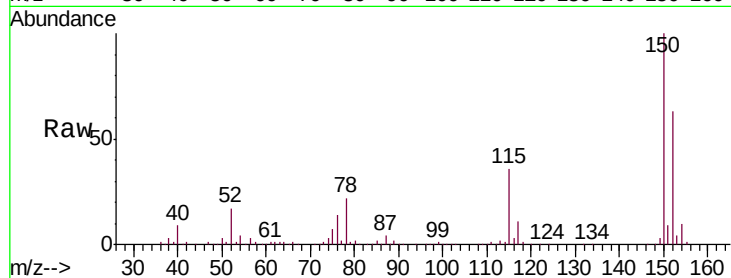
BF0F1

Tgt Ion: 75 Resp: 30050

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

