

Data File : VU030507.D
Acq On : 28 Mar 2019 00:37
Operator : JC/SP
Sample : K2128-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A6

Quant Time: Mar 28 02:51:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	404795	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	378441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148560	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149633	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.86%
7) Chloroethane-d5	1.68	69	120550	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.38%
11) 1,1-Dichloroethene-d2	2.27	63	213063	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.96%
21) 2-Butanone-d5	4.17	46	271462	88.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.64%
24) Chloroform-d	4.64	84	253019	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.31	65	173585	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
32) Benzene-d6	5.34	84	519906	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.33	67	179861	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.88%
41) Toluene-d8	7.56	98	446243	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%
43) trans-1,3-Dichloropropene-	7.85	79	75689	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.31	63	166924	82.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	236263	44.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	141818	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%

Target Compounds

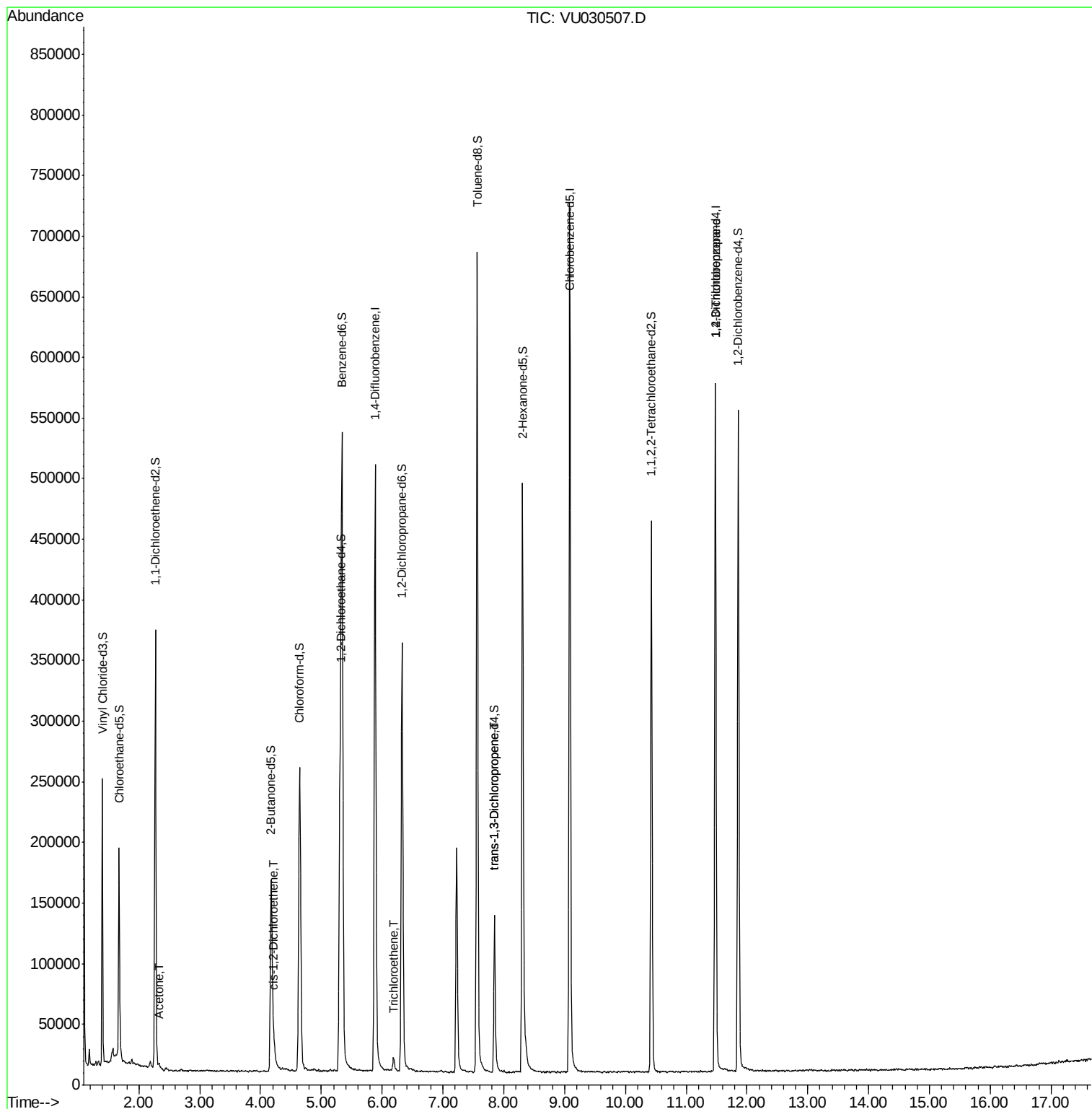
					Qvalue
13) Acetone	2.32	43	1672	0.540 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	4387	1.287 ug/L	81
34) Trichloroethene	6.19	95	4319	1.364 ug/L	81
44) trans-1,3-Dichloropropene	7.85	75	3112	0.673 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	20649	4.640 ug/L	94

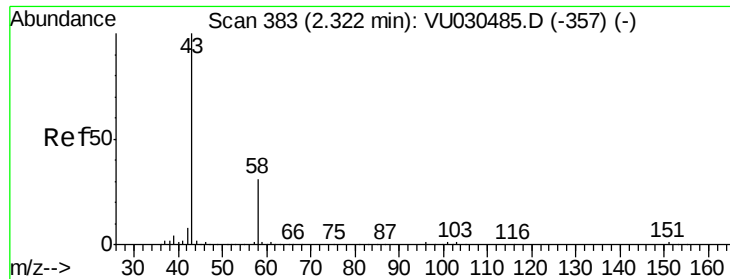
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.540 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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Acq: 28 Mar 2019 00:37

Instrument :

MSVOA_U

ClientSampled :

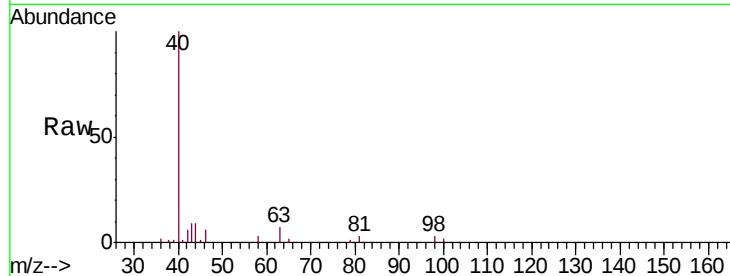
BF1A6

Tgt Ion: 43 Resp: 1672

Ion Ratio Lower Upper

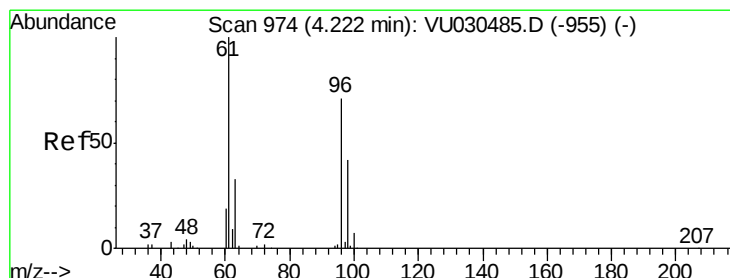
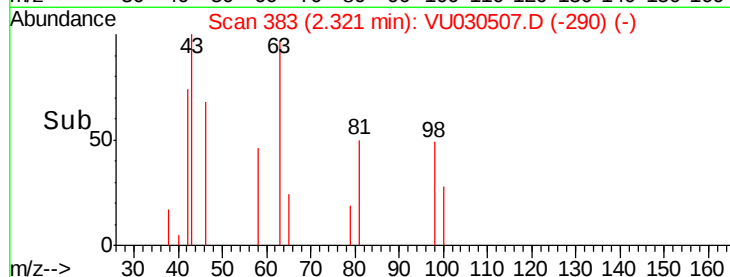
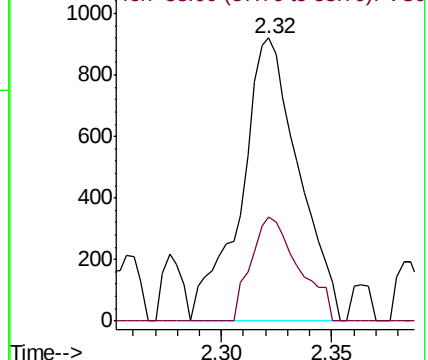
43 100

58 30.6 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030485.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU030485.D (-357) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.287 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030507.D

Acq: 28 Mar 2019 00:37

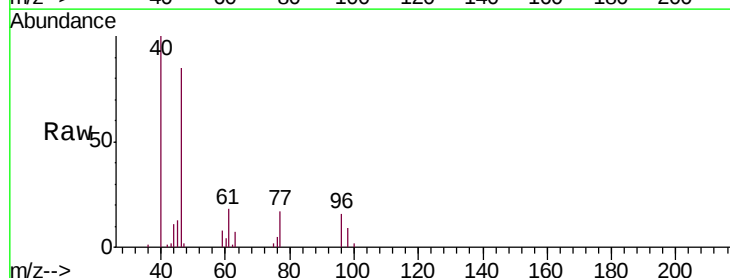
Tgt Ion: 96 Resp: 4387

Ion Ratio Lower Upper

96 100

61 117.4 98.4 182.8

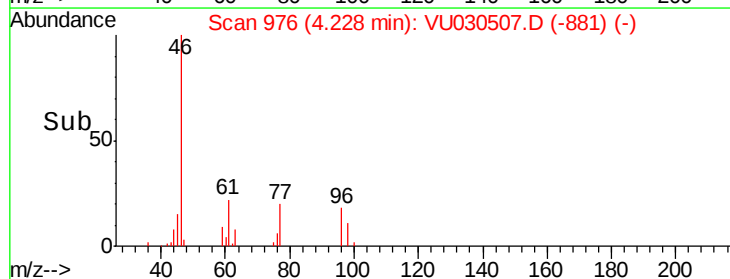
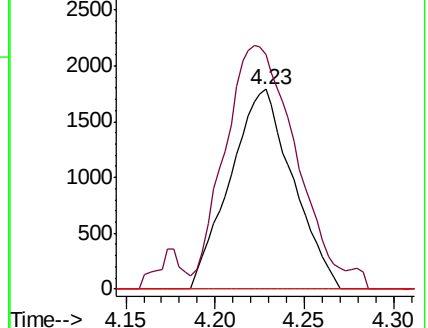
68 0.0 0.0 0.0

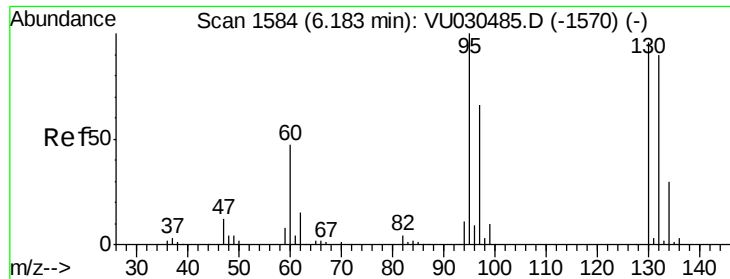


Abundance Ion 96.00 (95.70 to 96.70): VU030485.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU030485.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU030485.D (-955) (-)





#34

Trichloroethene

Concen: 1.364 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030507.D

Acq: 28 Mar 2019 00:37

Instrument :

MSVOA_U

ClientSampleId :

BF1A6

Tgt Ion: 95 Resp: 4319

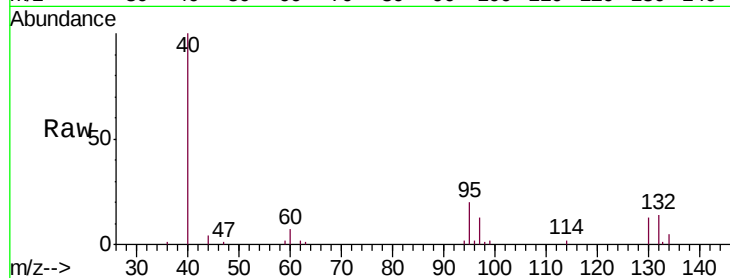
Ion Ratio Lower Upper

95 100

97 65.8 45.7 84.9

132 68.9 63.8 118.4

130 67.3 65.7 121.9

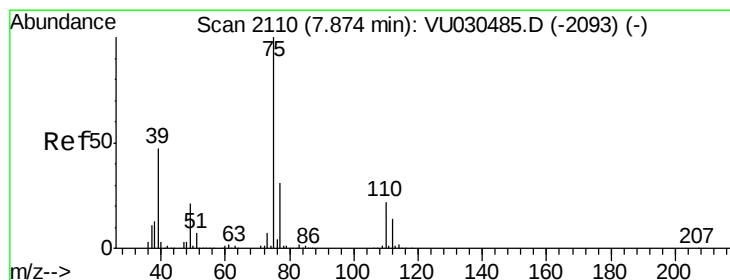
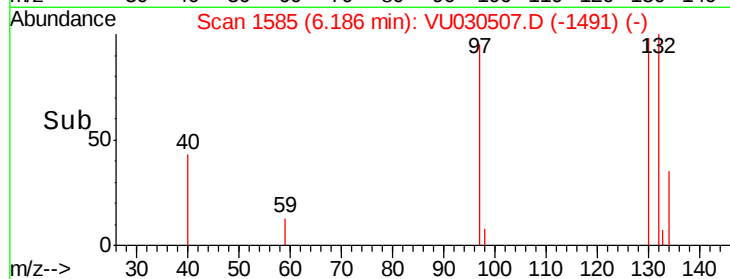
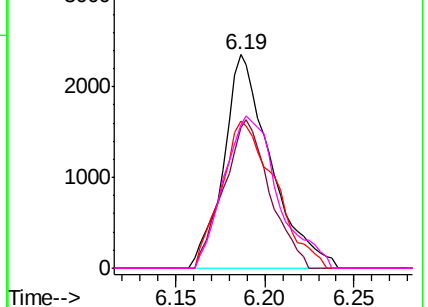


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.673 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030507.D

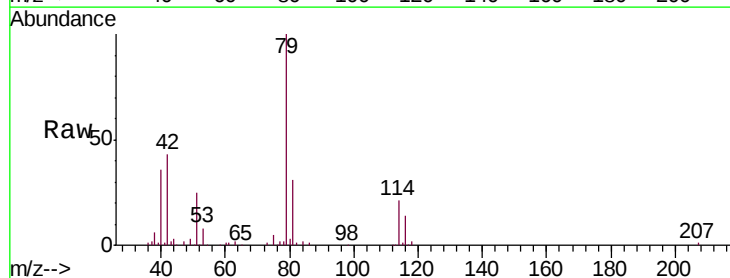
Acq: 28 Mar 2019 00:37

Tgt Ion: 75 Resp: 3112

Ion Ratio Lower Upper

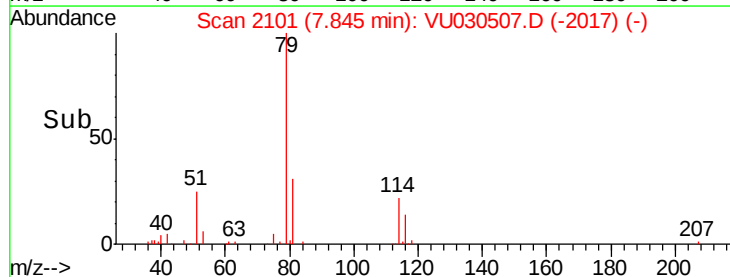
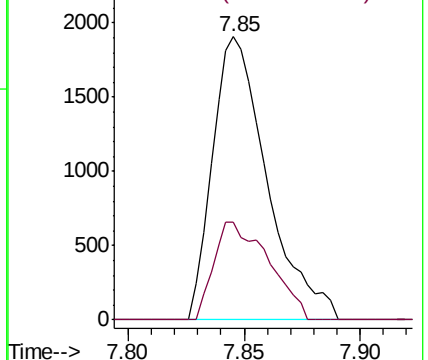
75 100

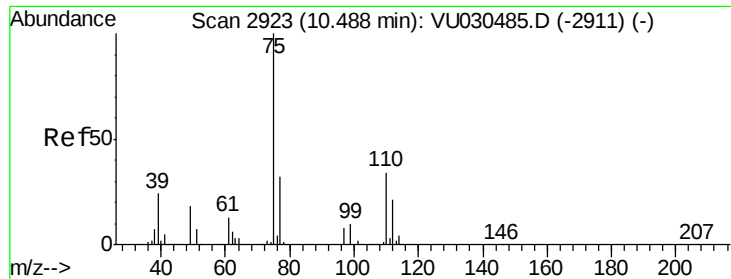
77 34.4 22.0 40.8



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: 4.640 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030507.D

Acq: 28 Mar 2019 00:37

Instrument :

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ClientSampleId :

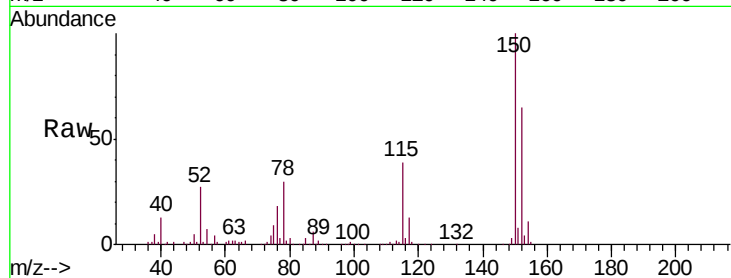
BF1A6

Tgt Ion: 75 Resp: 20649

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

