

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035678.D
 Acq On : 07 Nov 2019 22:26
 Operator : JC/SP
 Sample : K5697-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB2

Quant Time: Nov 08 06:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	682548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	657439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	186234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	269409	48.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.74%
7) Chloroethane-d5	1.93	69	226800	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.04%
11) 1,1-Dichloroethene-d2	2.60	63	321274	37.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.94%
21) 2-Butanone-d5	4.69	46	328954	102.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.15%
24) Chloroform-d	5.11	84	423773	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
26) 1,2-Dichloroethane-d4	5.75	65	266585	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
32) Benzene-d6	5.77	84	914717	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.76%
36) 1,2-Dichloropropane-d6	6.74	67	297488	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.06%
41) Toluene-d8	7.93	98	811837	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	8.22	79	125742	49.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.24%
47) 2-Hexanone-d5	8.68	63	203175	95.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.39%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	385352	48.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.52%
64) 1,2-Dichlorobenzene-d4	12.22	152	207834	55.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.66%

Target Compounds

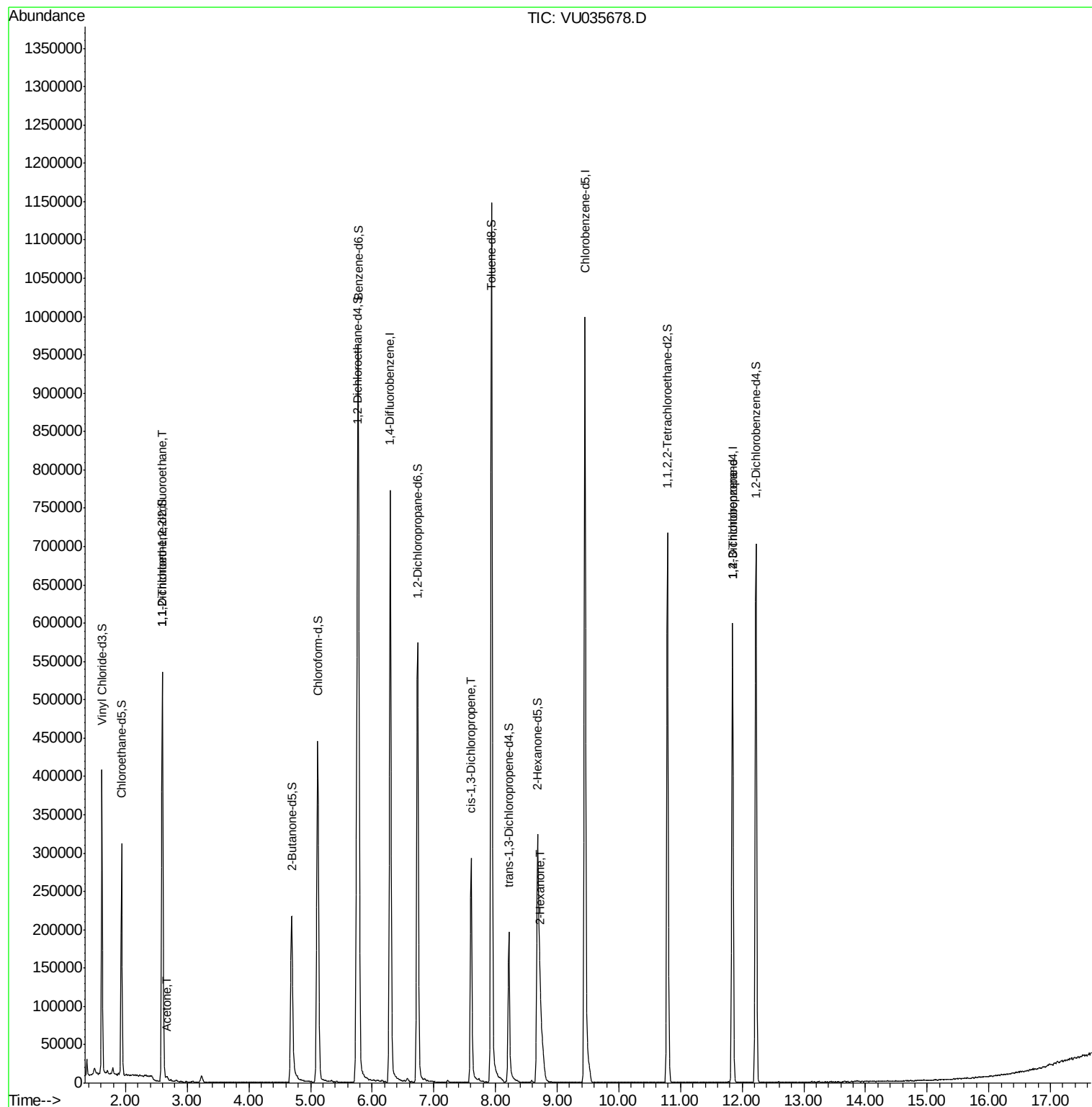
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3081	0.726 ug/L #	17
13) Acetone	2.67	43	5878	2.075 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	7318	0.995 ug/L #	58
48) 2-Hexanone	8.73	43	30463	5.659 ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	20595	3.192 ug/L	95

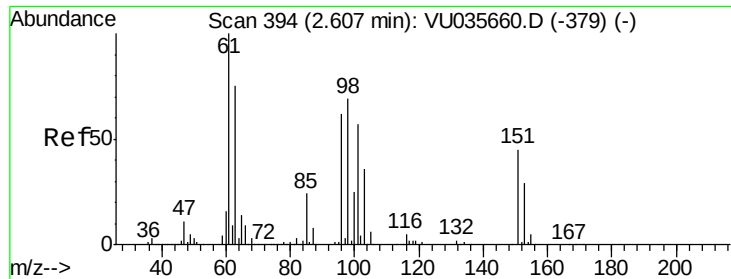
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 08 06:13:27 2019
Response via : Initial Calibration





#10

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

Concen: 0.726 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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H0AB2

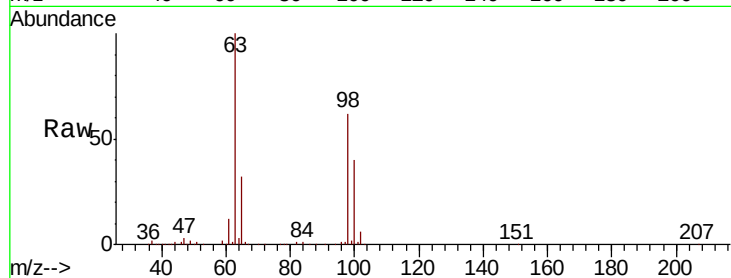
Tot Ion:101 Resp: 3081

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

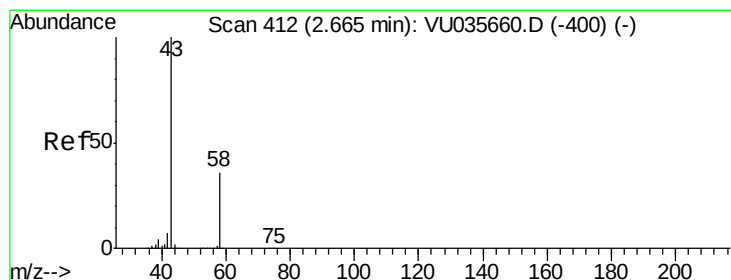
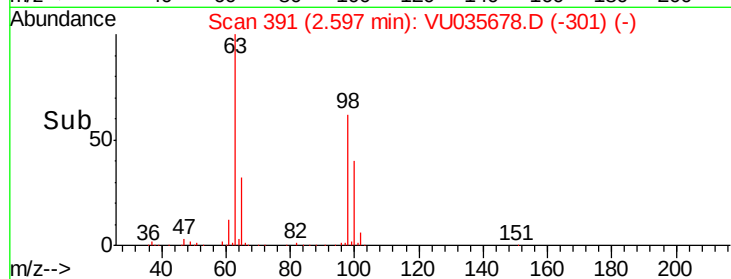
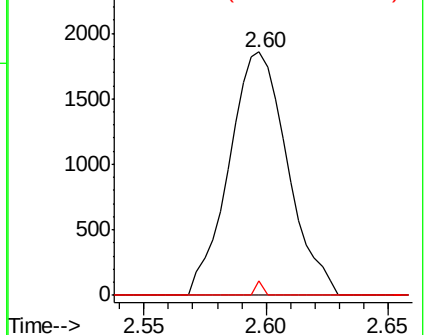
151 0.0 64.2 96.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.075 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU035678.D

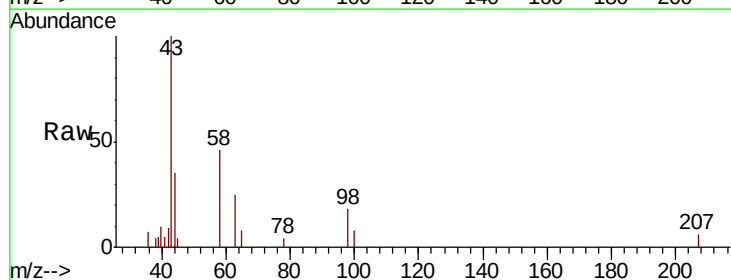
Acq: 07 Nov 2019 22:26

Tgt Ion: 43 Resp: 5878

Ion Ratio Lower Upper

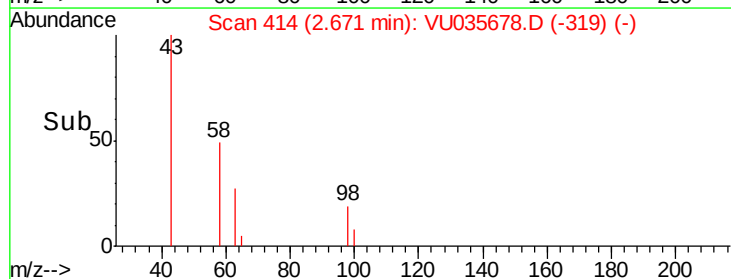
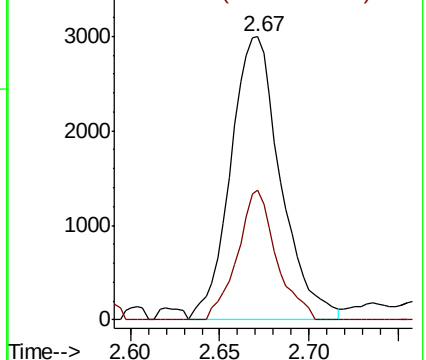
43 100

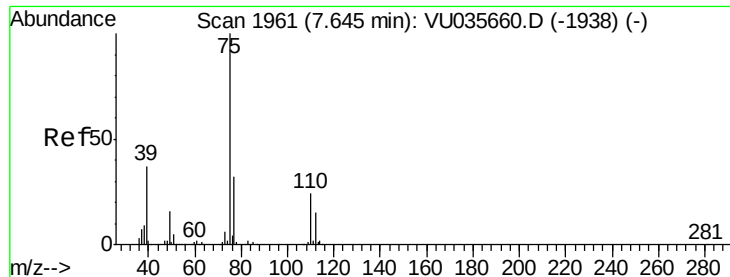
58 35.5 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.995 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

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Acq: 07 Nov 2019 22:26

Instrument :

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ClientSampleId :

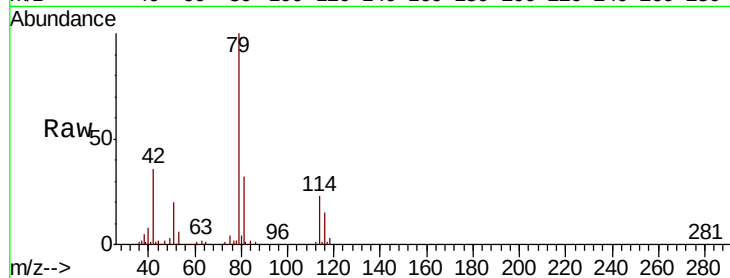
H0AB2

Tot Ion: 75 Resp: 7318

Ion Ratio Lower Upper

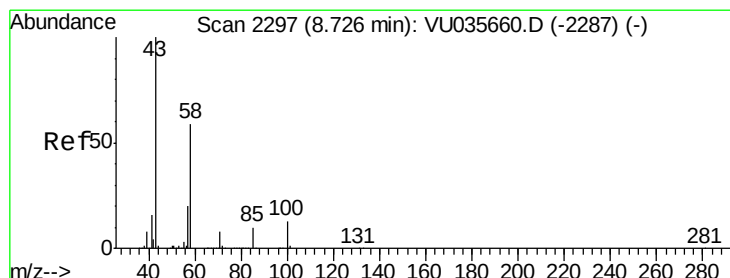
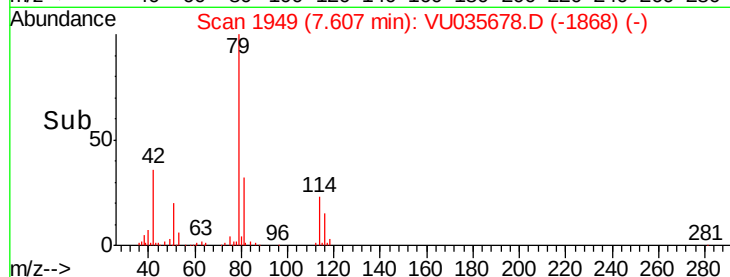
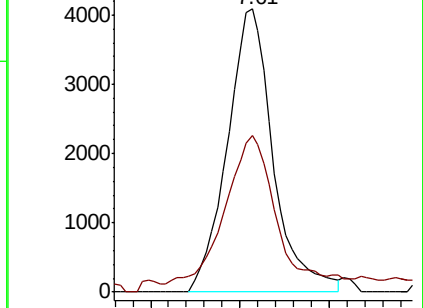
75 100

77 55.2 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU035660.D (-1938) (-)

Ion 77.00 (76.70 to 77.70): VU035660.D (-1938) (-)



#48

2-Hexanone

Concen: 5.659 ug/L

RT: 8.73 min Scan# 2298

Delta R.T. 0.00 min

Lab File: VU035678.D

Acq: 07 Nov 2019 22:26

Tgt Ion: 43 Resp: 30463

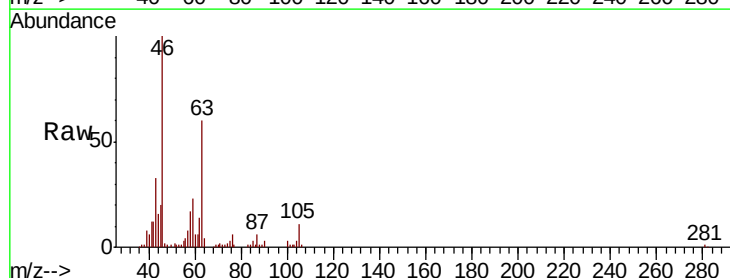
Ion Ratio Lower Upper

43 100

58 41.6 50.4 75.6#

57 0.0 17.4 26.0#

100 4.2 10.5 15.7#

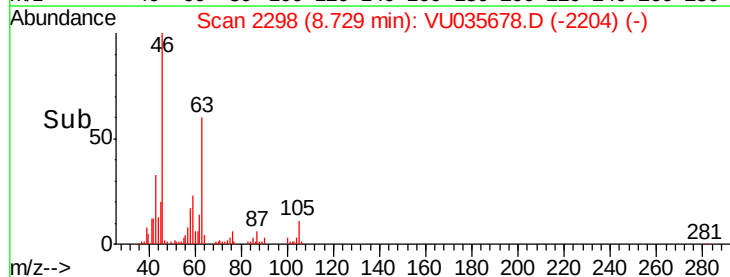
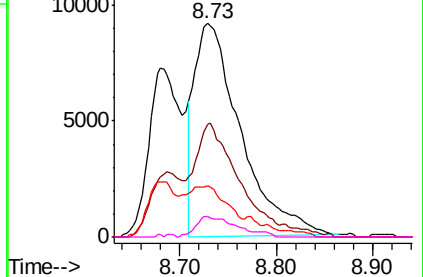


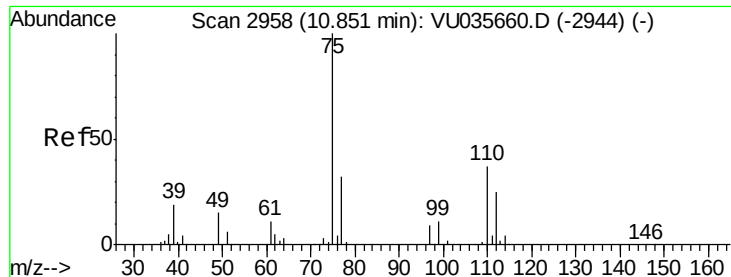
Abundance Ion 43.00 (42.70 to 43.70): VU035660.D (-2287) (-)

Ion 58.00 (57.70 to 58.70): VU035660.D (-2287) (-)

Ion 57.00 (56.70 to 57.70): VU035660.D (-2287) (-)

Ion 100.00 (99.70 to 100.70): VU035660.D (-2287) (-)





#59

1,2,3-Trichloropropane

Concen: 3.192 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035678.D

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MSVOA_U

ClientSampleId :

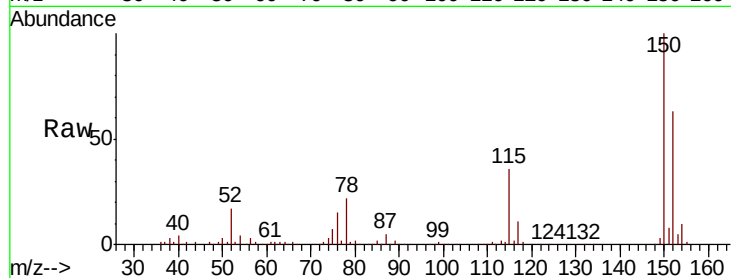
H0AB2

Tot Ion: 75 Resp: 20595

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

