

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038767.D
 Acq On : 10 Jun 2020 10:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jun 11 00:53:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	570369	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	556994	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	252183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	210767	66.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	132.28%
7) Chloroethane-d5	1.93	69	169340	68.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	137.00%#
11) 1,1-Dichloroethene-d2	2.59	63	319688	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
21) 2-Butanone-d5	4.66	46	382071	123.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.24%
24) Chloroform-d	5.10	84	397653	57.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.76%
26) 1,2-Dichloroethane-d4	5.74	65	276177	60.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.30%
32) Benzene-d6	5.76	84	814678	60.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.44%
36) 1,2-Dichloropropane-d6	6.72	67	248258	60.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.08%#
41) Toluene-d8	7.92	98	704494	58.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.22%
43) trans-1,3-Dichloropropene-	8.20	79	116752	56.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.16%
47) 2-Hexanone-d5	8.65	63	281251	127.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	352908	57.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.44%
64) 1,2-Dichlorobenzene-d4	12.20	152	267668	61.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.26%#

Target Compounds

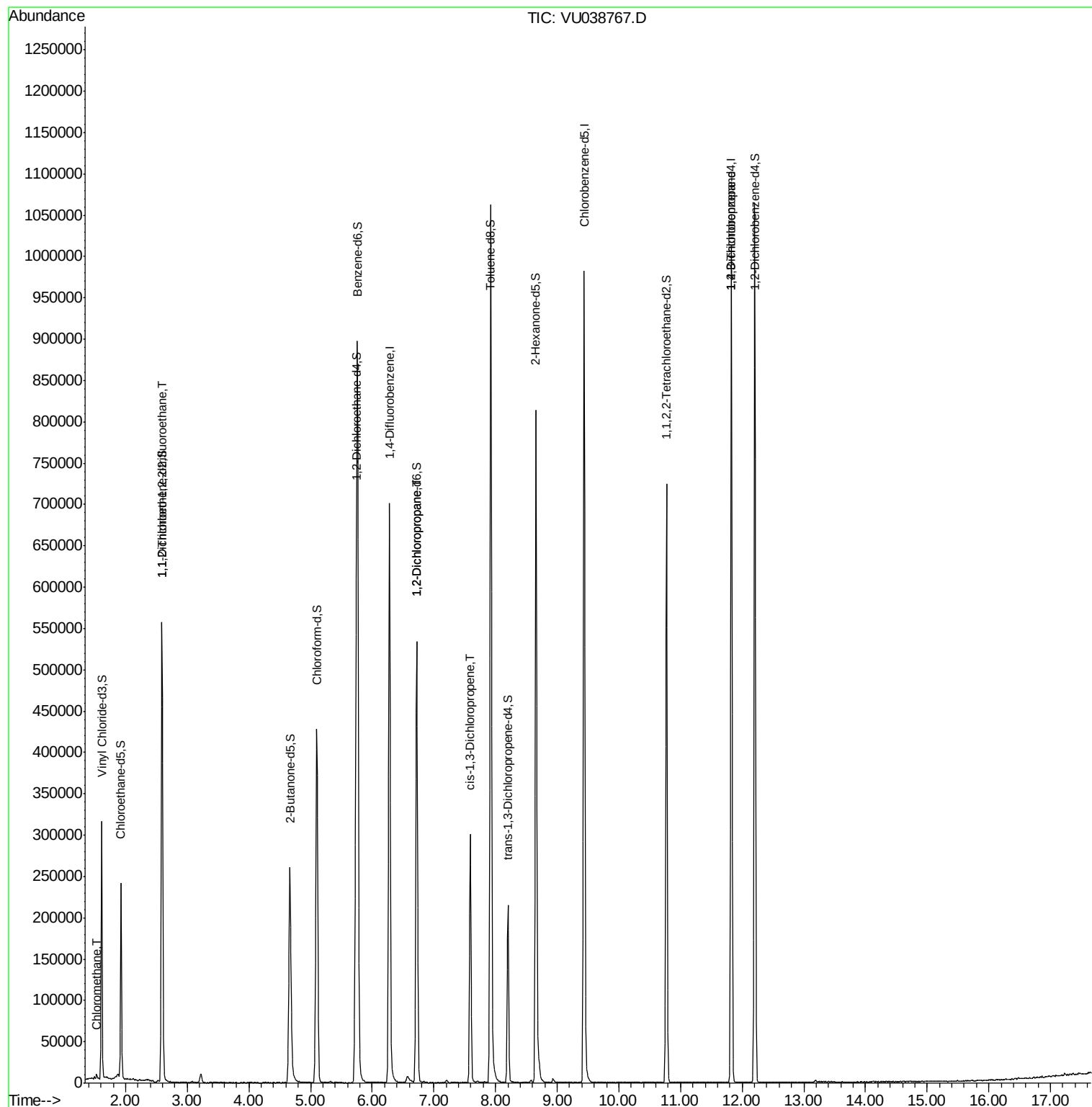
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	4607	1.057	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2844	0.776	ug/L #	21
37) 1,2-Dichloropropane	6.72	63	28269	6.559	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	7742	1.165	ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	31377	5.192	ug/L #	87

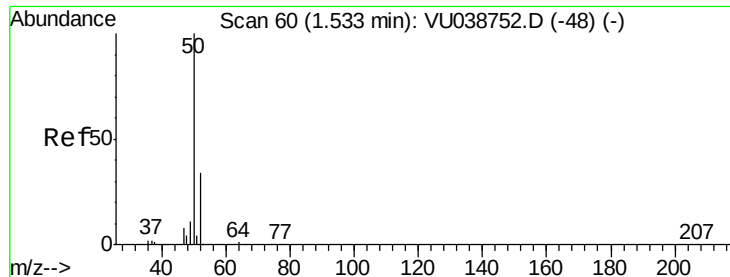
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.057 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038767.D

Acq: 10 Jun 2020 10:04

Instrument :

MSVOA_U

ClientSampleId :

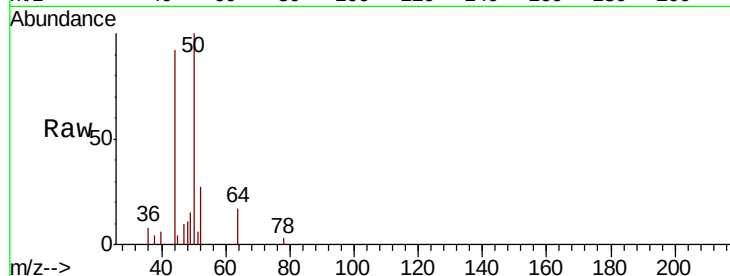
VIBLK

Tot Ion: 50 Resp: 4607

Ion Ratio Lower Upper

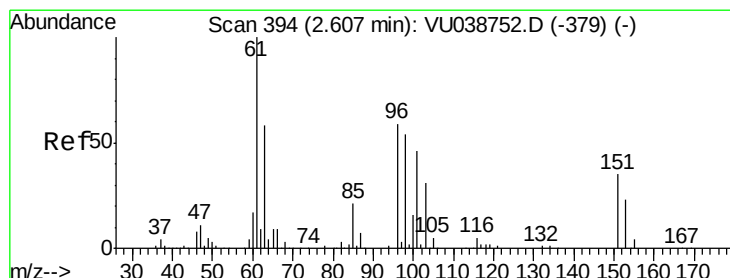
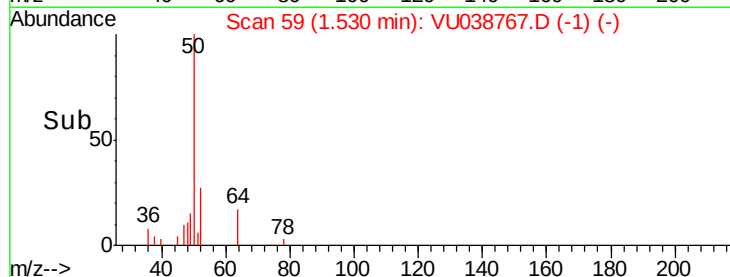
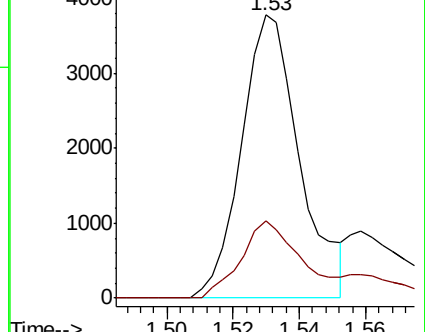
50 100

52 27.1 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VU038767.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU038767.D (-1) (-)



#10

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

Concen: 0.776 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038767.D

Acq: 10 Jun 2020 10:04

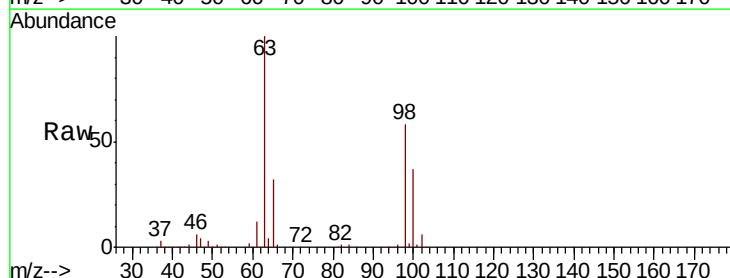
Tgt Ion:101 Resp: 2844

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

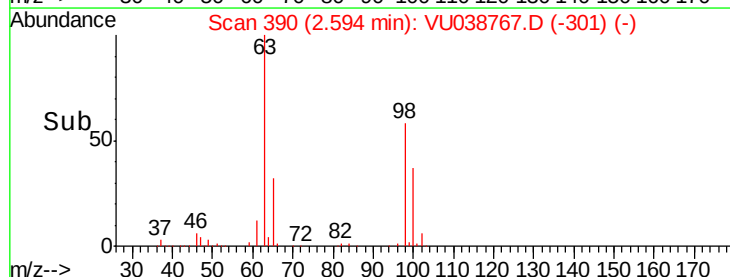
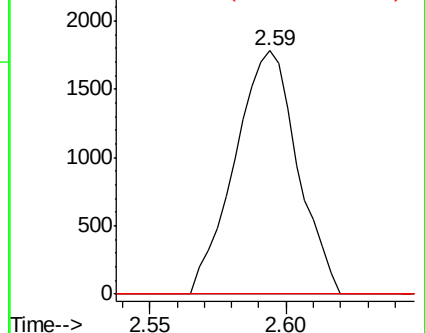
151 0.0 57.4 86.0#

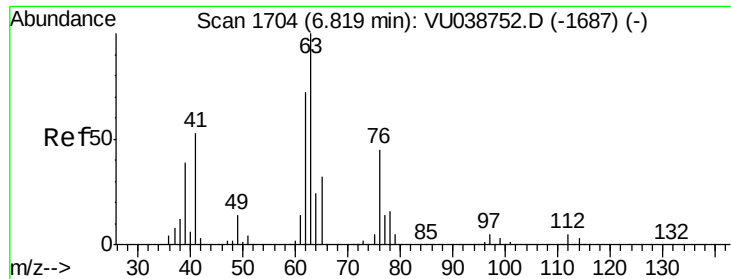


Abundance Ion 101.00 (100.70 to 101.70): VU038767.D (-301) (-)

Ion 85.00 (84.70 to 85.70): VU038767.D (-301) (-)

Ion 151.00 (150.70 to 151.70): VU038767.D (-301) (-)

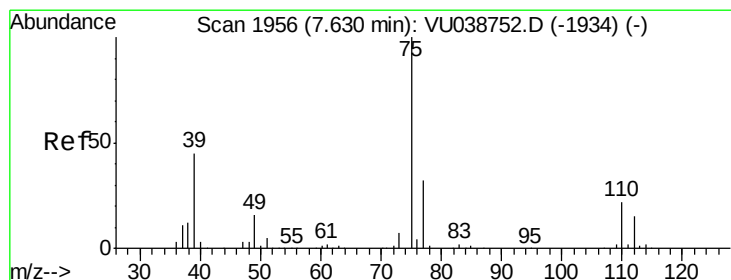
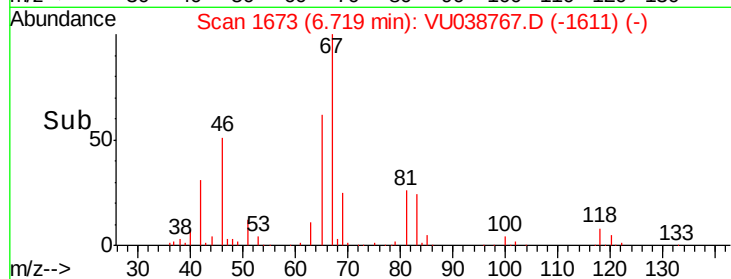
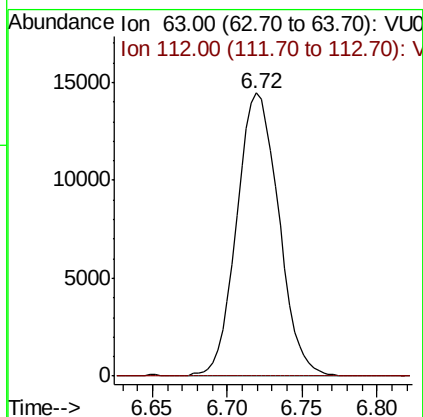
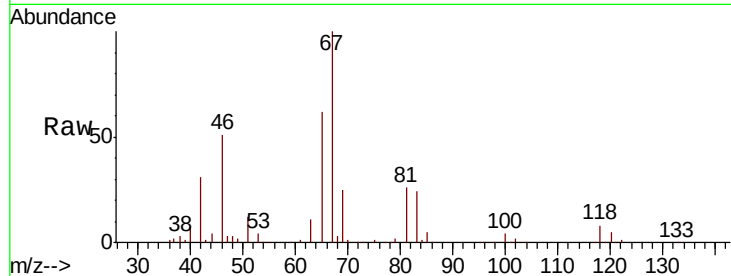




#37
 1,2-Dichloropropane
 Concen: 6.559 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038767.D
 Acq: 10 Jun 2020 10:04

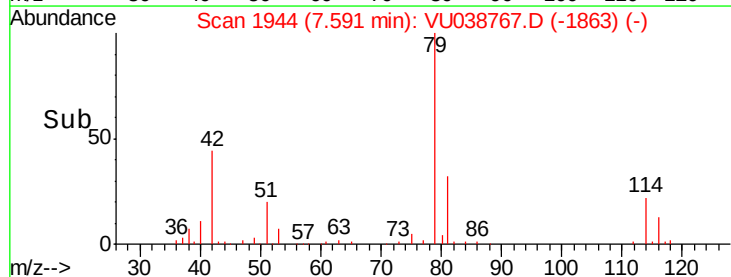
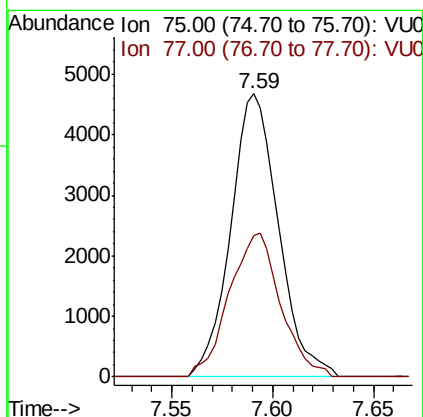
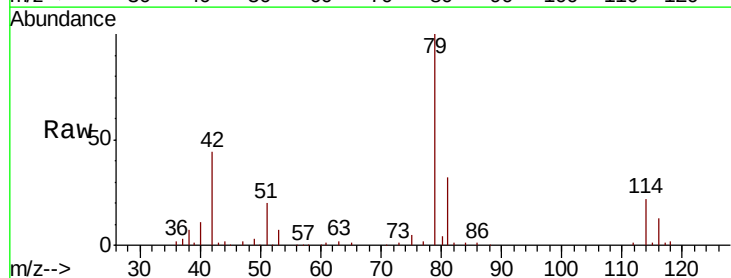
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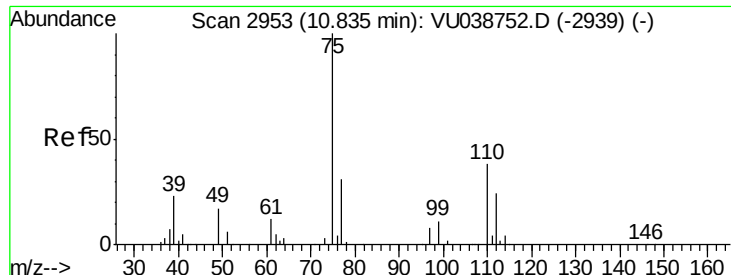
Tot Ion: 63 Resp: 28269
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.165 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038767.D
 Acq: 10 Jun 2020 10:04

Tgt Ion: 75 Resp: 7742
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 5.192 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038767.D

Acq: 10 Jun 2020 10:04

Instrument :

MSVOA_U

ClientSampleId :

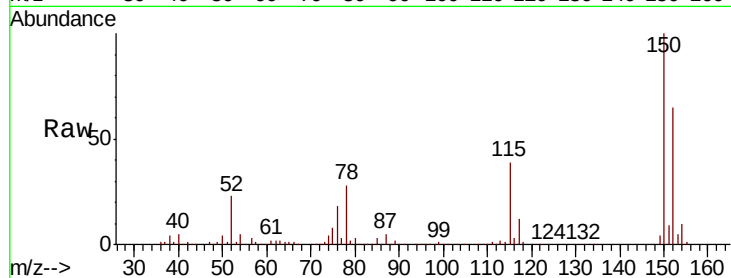
VIBLK

Tot Ion: 75 Resp: 31377

Ion Ratio Lower Upper

75 100

77 38.7 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

