

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061520\
 Data File : VU038902.D
 Acq On : 15 Jun 2020 19:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK34

Quant Time: Jun 16 02:00:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60336	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.93	69	57166	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.59	63	139496	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.68	46	231302	43.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.36%
24) Chloroform-d	5.10	84	145359	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.74	65	84039	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.76	84	277014	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.72	67	84640	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.60%
41) Toluene-d8	7.92	98	229988	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.20	79	34202	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.66	63	181734	40.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	74661	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	93753	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

Target Compounds

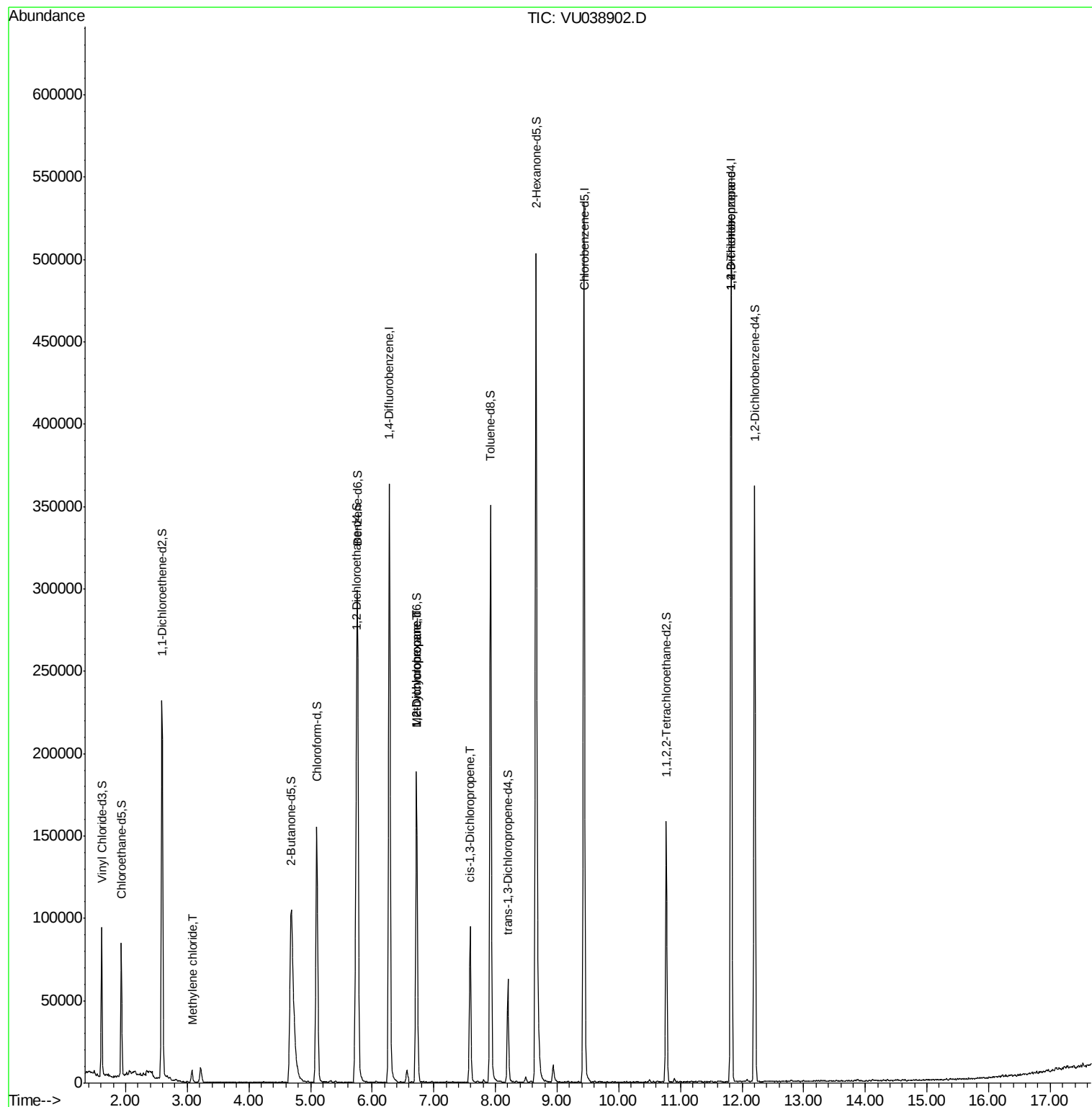
					Ovalue
16) Methylene chloride	3.08	84	3368	0.141 ug/L	90
35) Methylcyclohexane	6.72	83	20475	0.593 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10427	0.455 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	2546	0.078 ug/L #	59
59) 1,2,3-Trichloropropane	11.82	75	16792	0.951 ug/L #	85

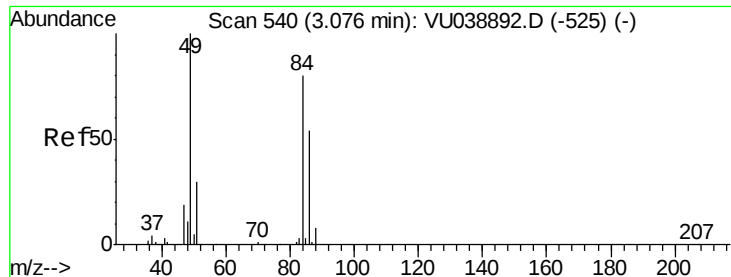
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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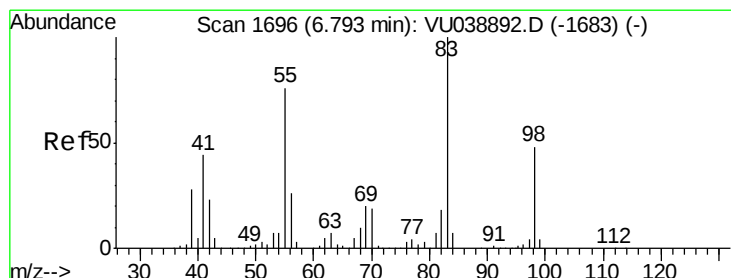
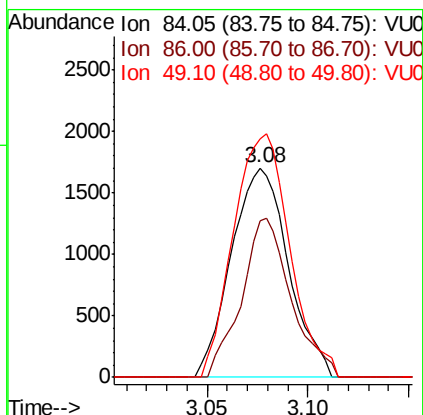
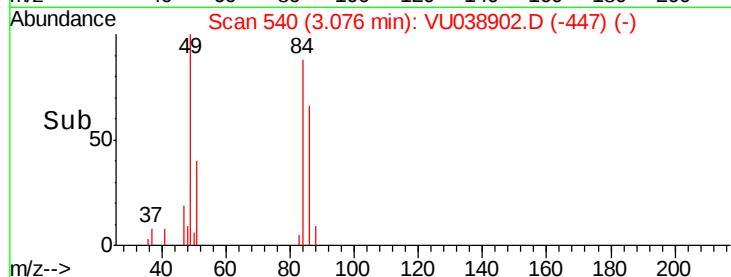
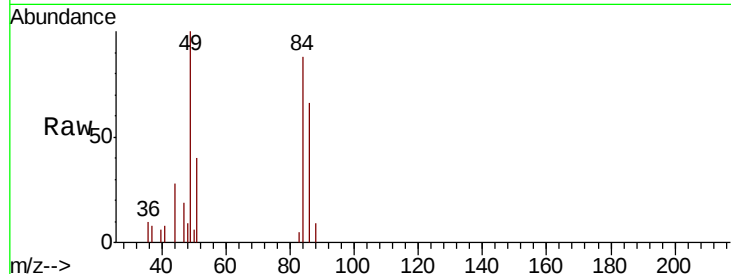




#16
Methvlene chloride
Concen: 0.141 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038902.D
Acq: 15 Jun 2020 19:28

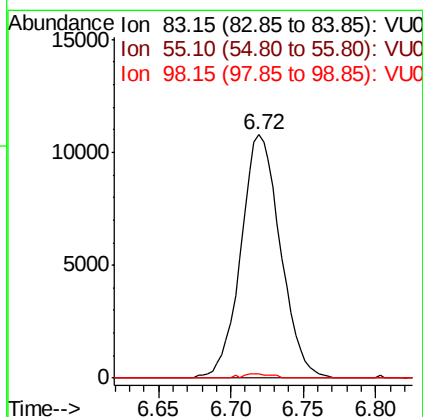
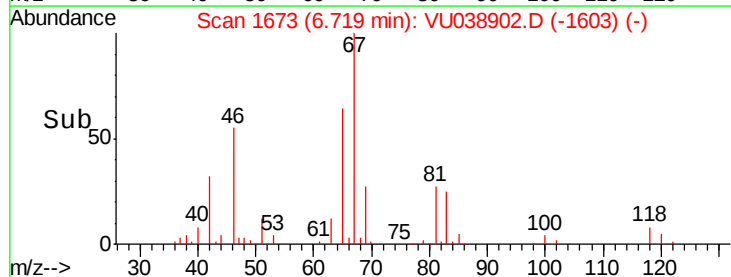
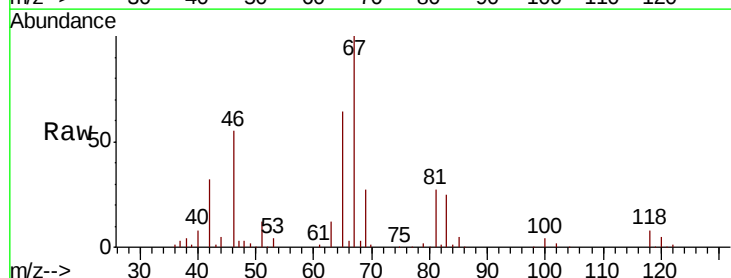
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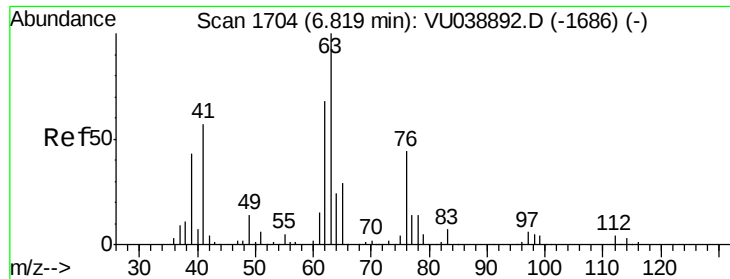
Tot Ion: 84 Resp: 3368
Ion Ratio Lower Upper
84 100
86 75.0 47.9 89.1
49 113.8 88.4 164.2



#35
Methylcyclohexane
Concen: 0.593 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038902.D
Acq: 15 Jun 2020 19:28

Tgt Ion: 83 Resp: 20475
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 1.2 38.9 58.3#

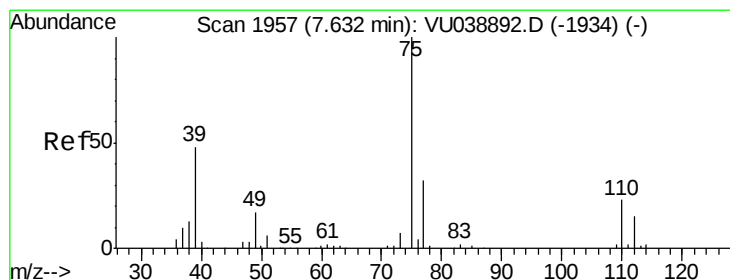
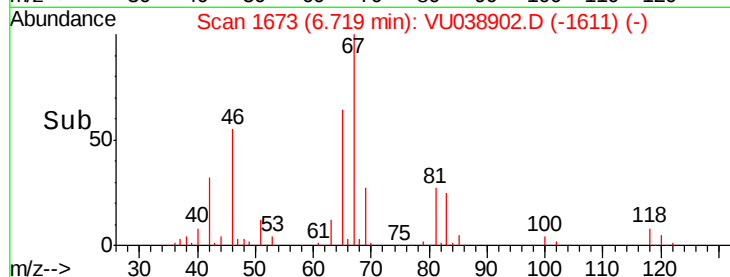
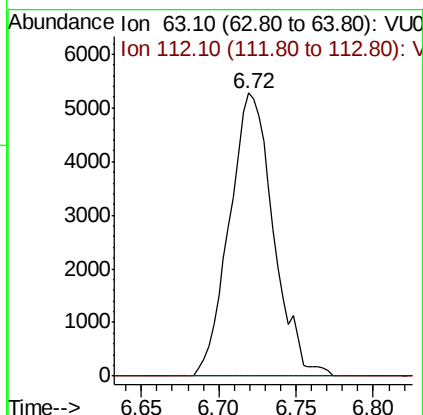
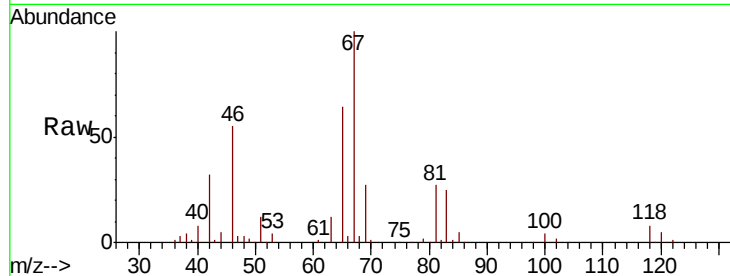




#37
 1,2-Dichloropropane
 Concen: 0.455 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038902.D
 Acq: 15 Jun 2020 19:28

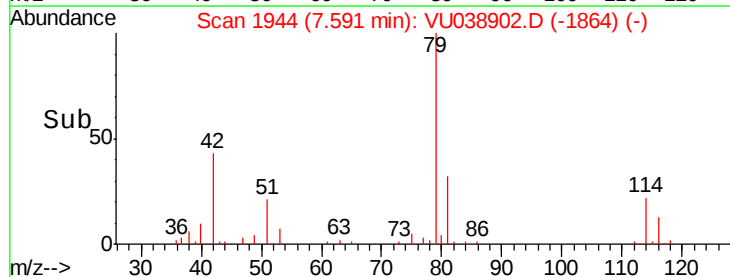
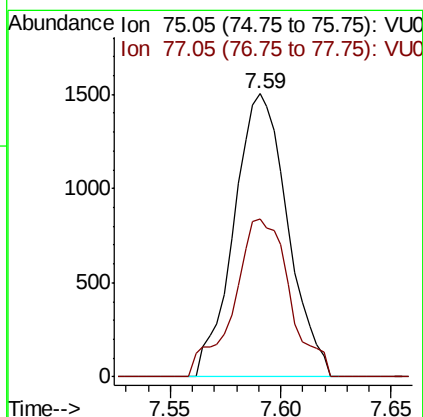
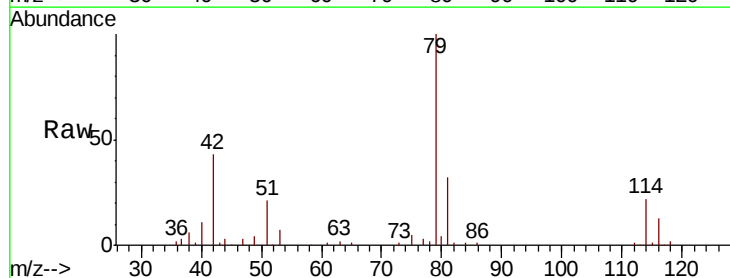
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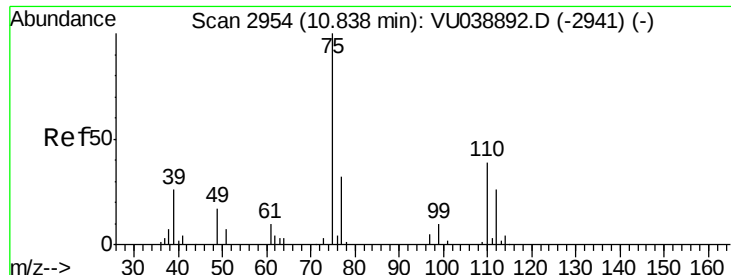
Tot Ion: 63 Resp: 10427
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038902.D
 Acq: 15 Jun 2020 19:28

Tgt Ion: 75 Resp: 2546
 Ion Ratio Lower Upper
 75 100
 77 55.7 23.0 42.6#





#59

1,2,3-Trichloropropane

Concen: 0.951 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038902.D

Acq: 15 Jun 2020 19:28

Instrument :

MSVOA_U

ClientSampleId :

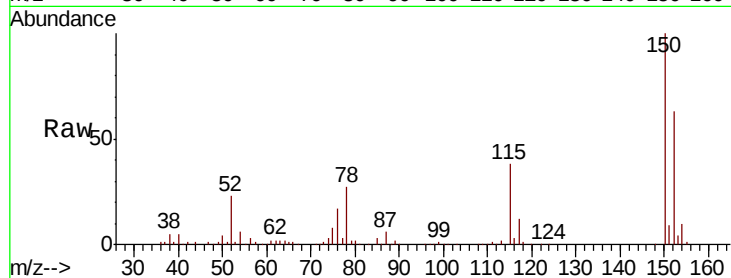
VIBLK34

Tot Ion: 75 Resp: 16792

Ion Ratio Lower Upper

75 100

77 40.9 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

