

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039091.D
 Acq On : 25 Jun 2020 03:22
 Operator : SY/MD
 Sample : L3110-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F22

Quant Time: Jun 25 03:57:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	263097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	265817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	111591	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96590	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	87766	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.59	63	142844	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.67	46	411637	59.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.40%
24) Chloroform-d	5.10	84	201549	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.74	65	125830	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.76	84	390947	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.72	67	132397	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.92	98	306481	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	52142	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.65	63	327753	58.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119105	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	118848	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

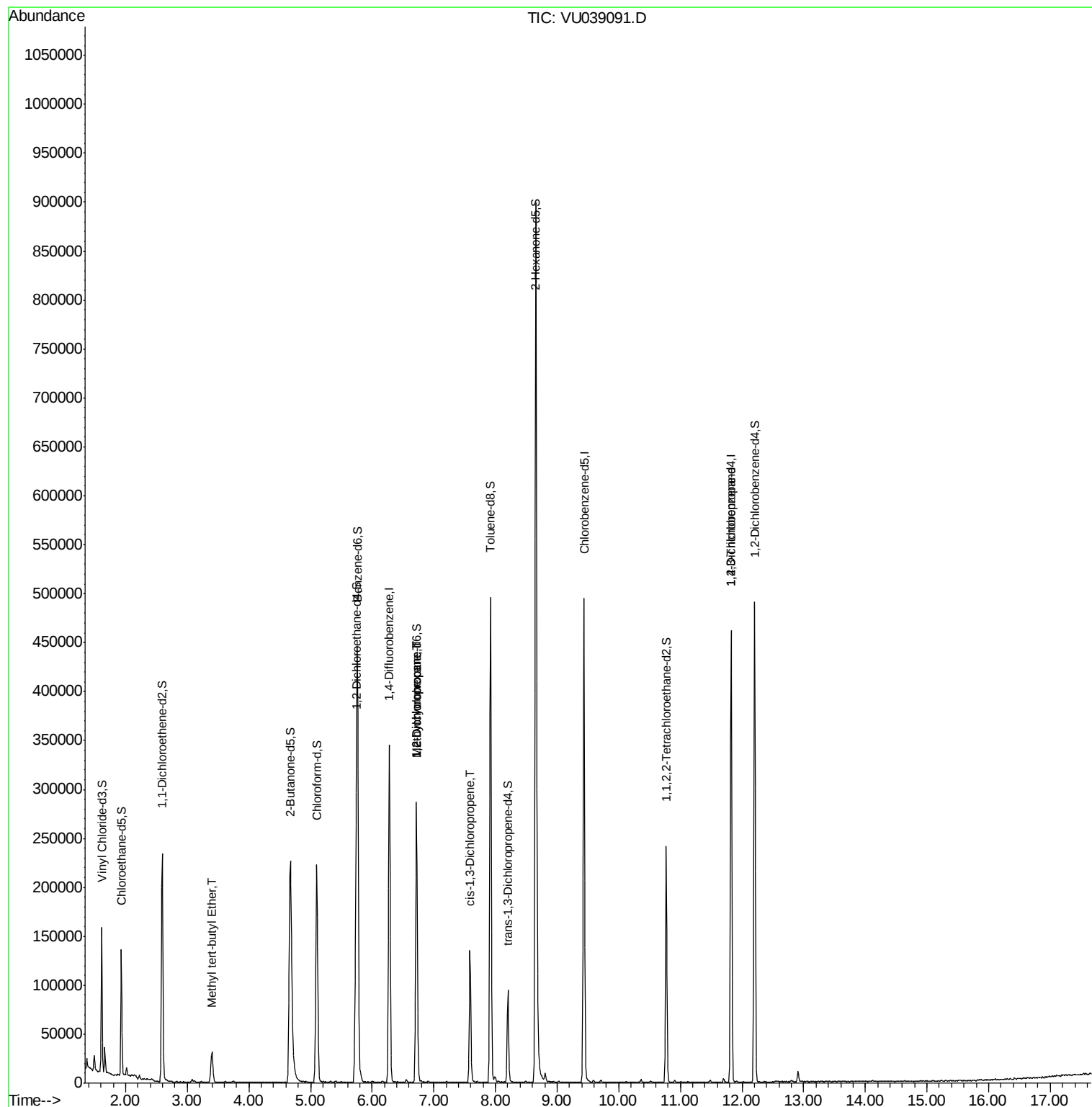
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	31825	0.614 ug/L	97
35) Methylcyclohexane	6.72	83	30803	1.028 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14162	0.626 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3805	0.121 ug/L #	59
59) 1,2,3-Trichloropropane	11.83	75	15553	0.912 ug/L #	86

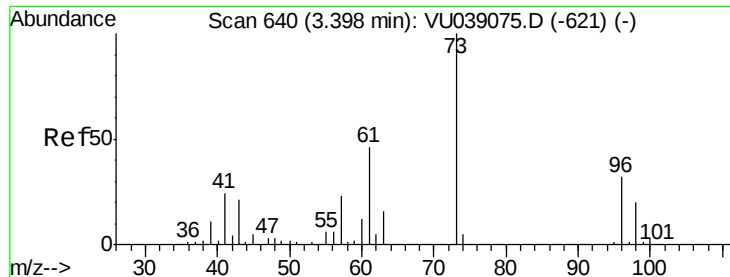
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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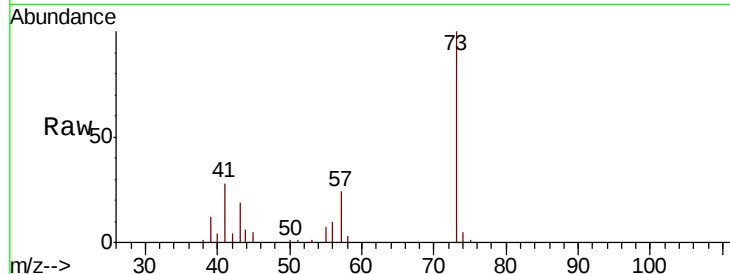




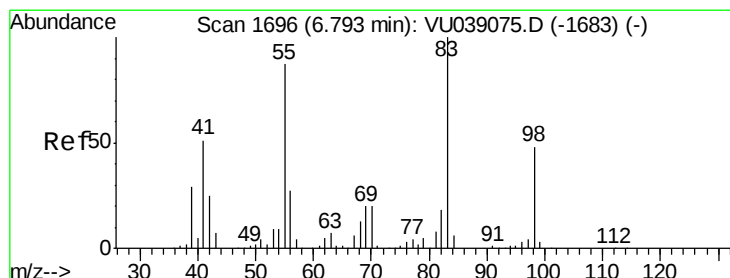
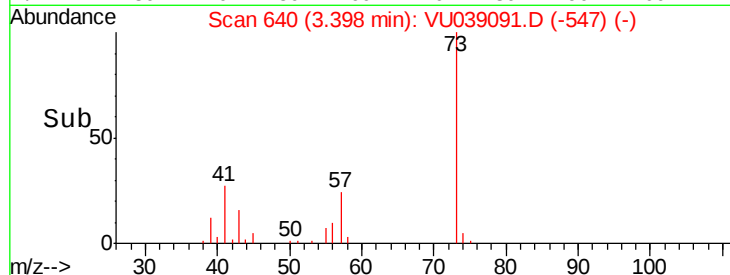
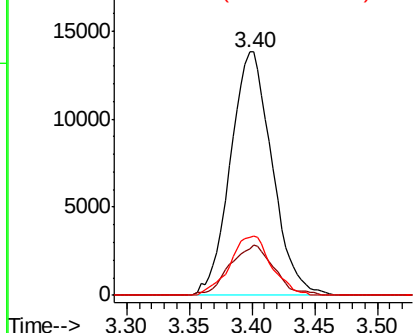
#17
Methyl tert-butyl Ether
Concen: 0.614 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU039091.D
Acq: 25 Jun 2020 03:22

Instrument :
MSVOA_U
ClientSampleId :
F9F22

Tot Ion: 73 Resp: 31825
Ion Ratio Lower Upper
73 100
43 21.9 16.6 24.8
57 24.3 18.2 27.4

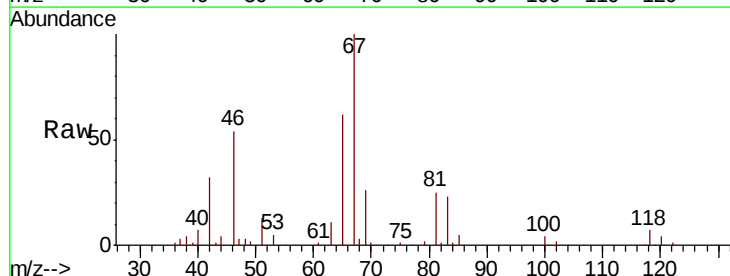


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

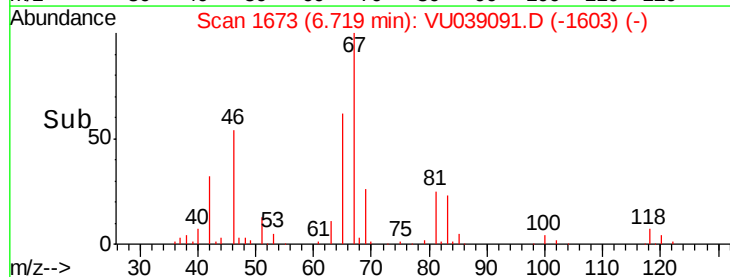
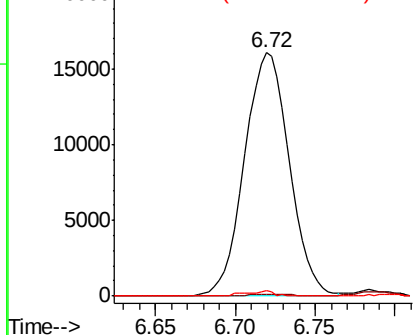


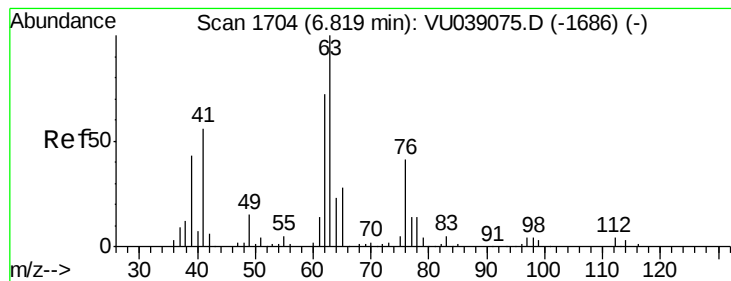
#35
Methylcyclohexane
Concen: 1.028 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039091.D
Acq: 25 Jun 2020 03:22

Tgt Ion: 83 Resp: 30803
Ion Ratio Lower Upper
83 100
55 0.7 65.5 98.3#
98 1.3 36.5 54.7#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039091.D

Acq: 25 Jun 2020 03:22

Instrument :

MSVOA_U

ClientSampleId :

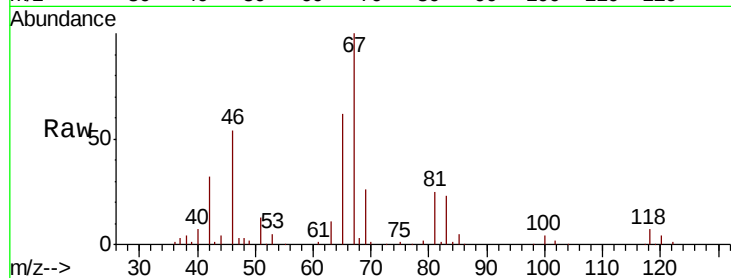
F9F22

Tot Ion: 63 Resp: 14162

Ion Ratio Lower Upper

63 100

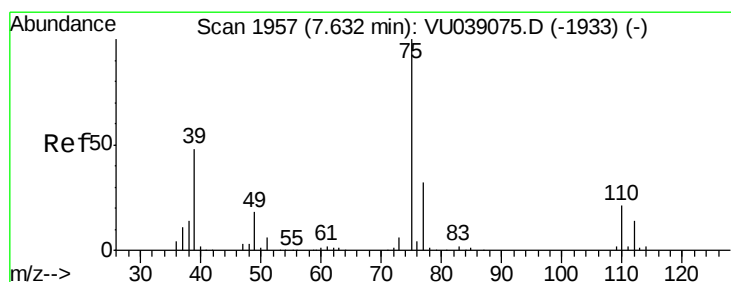
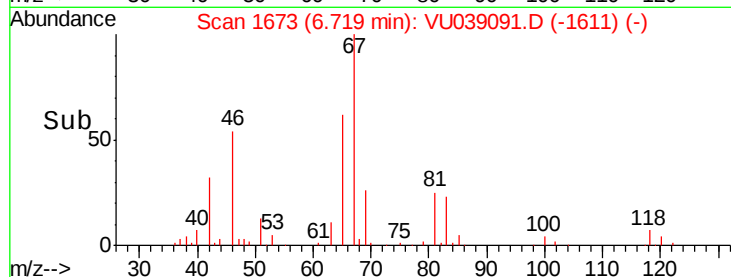
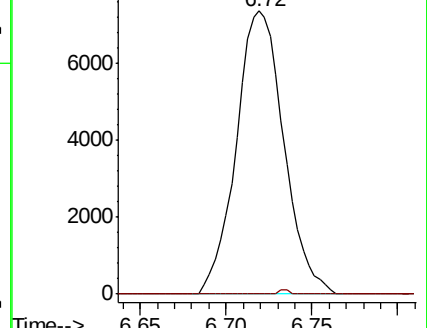
112 0.3 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039075.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU039075.D (-1686) (-)

6.72



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039091.D

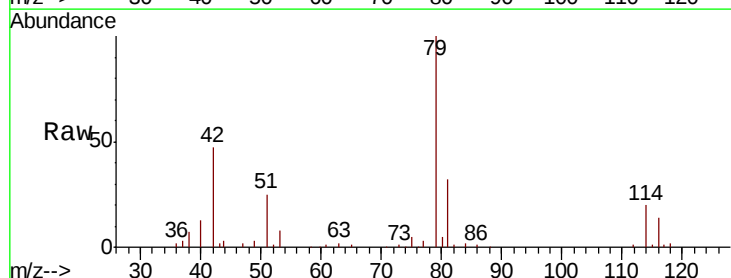
Acq: 25 Jun 2020 03:22

Tgt Ion: 75 Resp: 3805

Ion Ratio Lower Upper

75 100

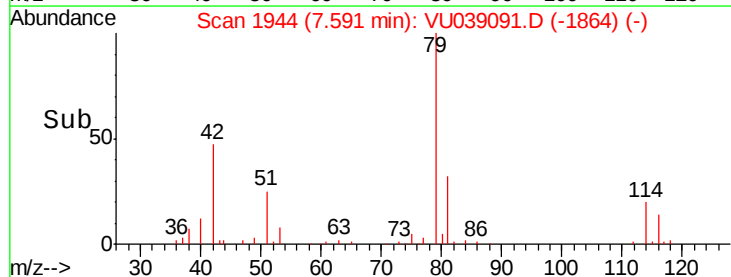
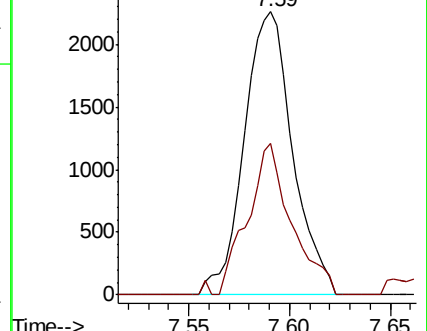
77 53.4 21.6 40.0#

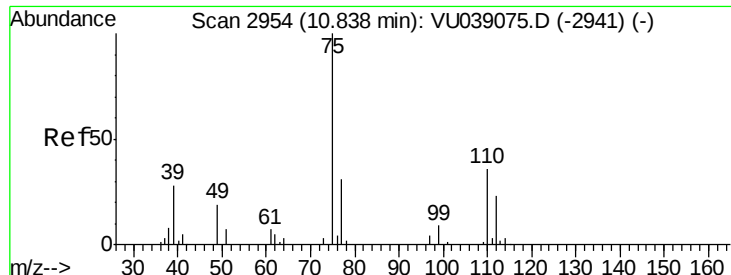


Abundance Ion 75.05 (74.75 to 75.75): VU039075.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU039075.D (-1933) (-)

7.59





#59

1,2,3-Trichloropropane

Concen: 0.912 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039091.D

Acq: 25 Jun 2020 03:22

Instrument :

MSVOA_U

ClientSampleId :

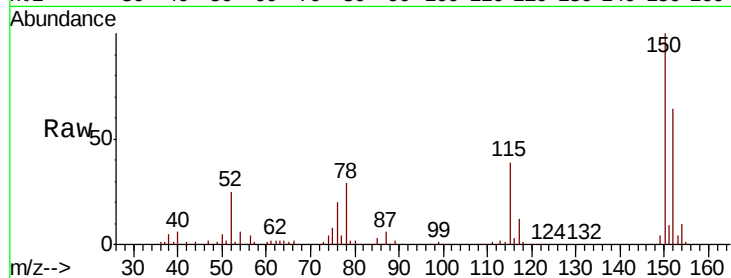
F9F22

Tot Ion: 75 Resp: 15553

Ion Ratio Lower Upper

75 100

77 40.6 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

