

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039148.D
 Acq On : 26 Jun 2020 05:17
 Operator : SY/MD
 Sample : L3104-14 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q75

Quant Time: Jun 26 06:34:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	233254	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240855	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	99550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72333	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	71091	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.59	63	111375	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.68	46	393450	63.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.66%
24) Chloroform-d	5.10	84	178087	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.74	65	113556	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.76	84	330818	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.72	67	114265	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.92	98	248886	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.20	79	44317	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.65	63	281567	55.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107223	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	103502	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

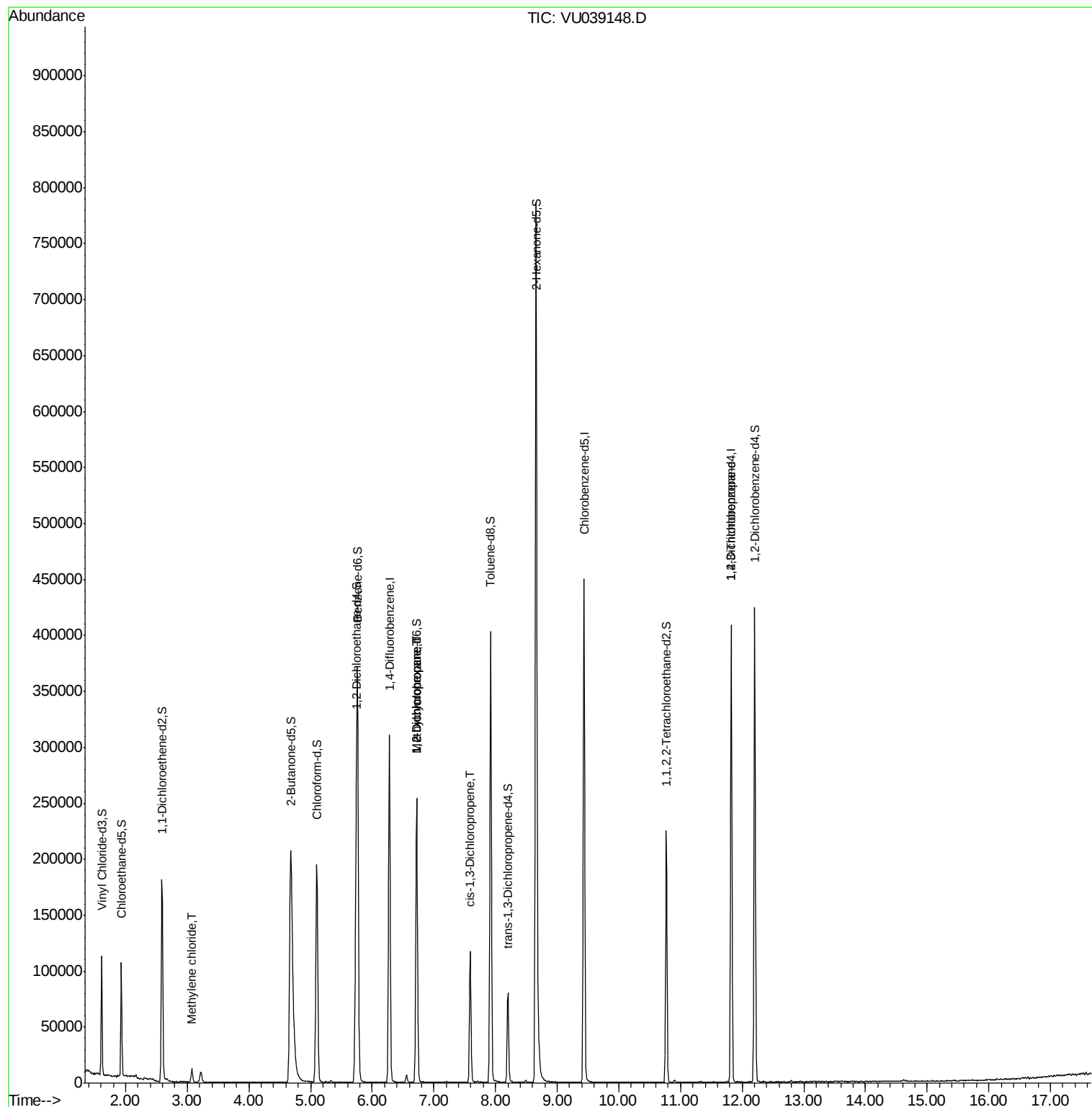
					Ovalue
16) Methylene chloride	3.08	84	5007	0.251 ug/L	91
35) Methylcyclohexane	6.72	83	26320	0.969 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12803	0.624 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3152	0.111 ug/L #	74
59) 1,2,3-Trichloropropane	11.82	75	14346	0.928 ug/L	92

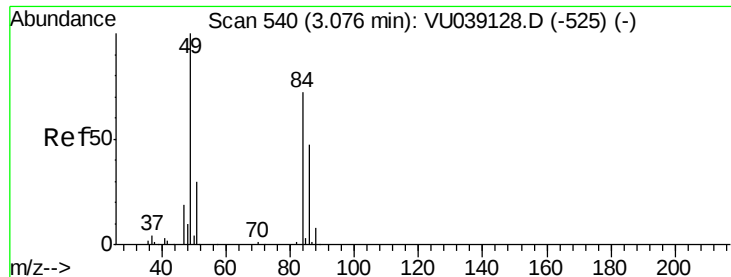
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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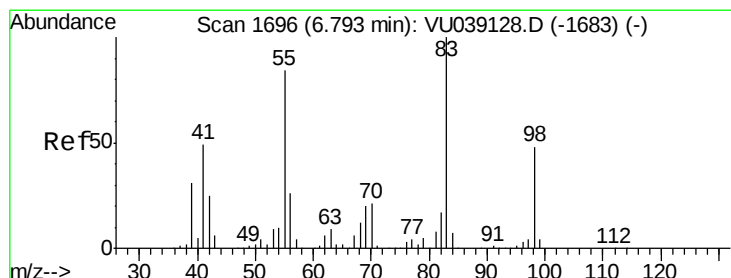
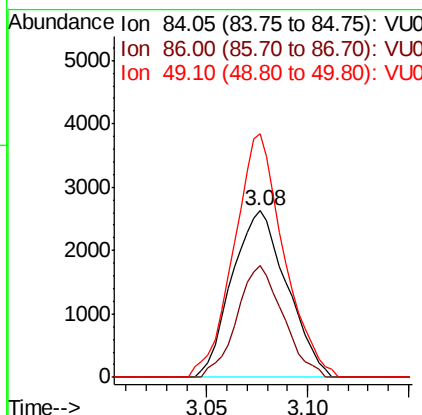
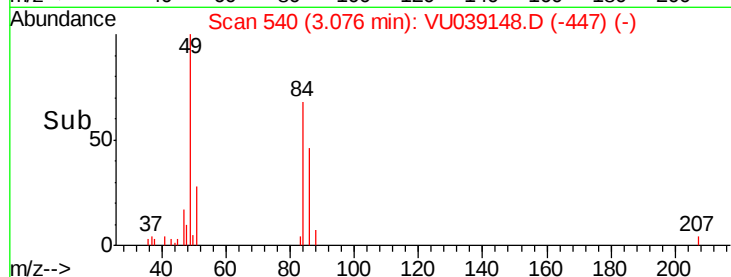
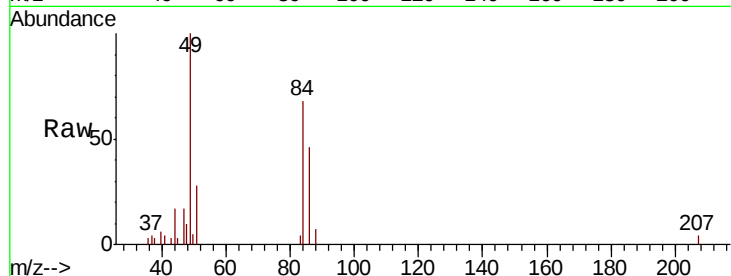




#16
Methylene chloride
Concen: 0.251 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU039148.D
Acq: 26 Jun 2020 05:17

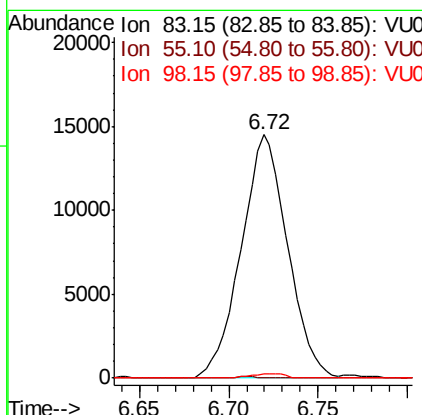
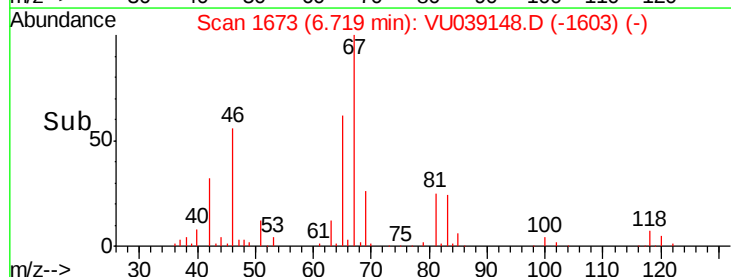
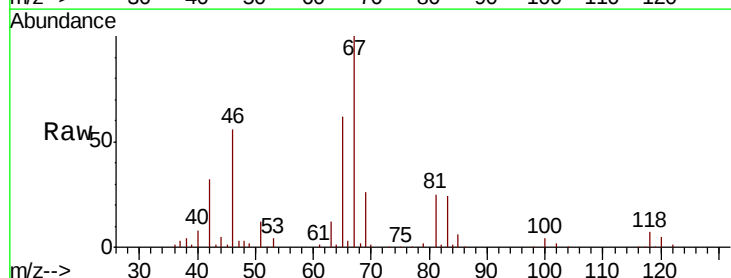
Instrument :
MSVOA_U
ClientSampled :
F9Q75

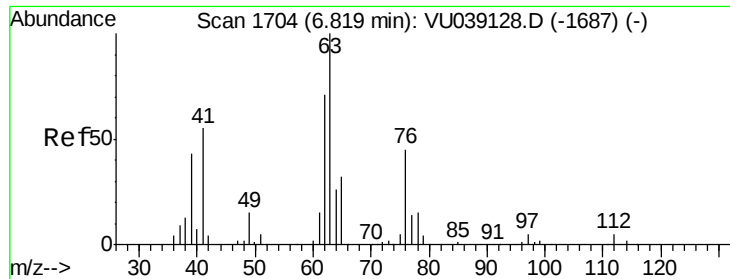
Tot Ion: 84 Resp: 5007
Ion Ratio Lower Upper
84 100
86 67.1 44.1 81.9
49 146.3 93.1 172.9



#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039148.D
Acq: 26 Jun 2020 05:17

Tgt Ion: 83 Resp: 26320
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 1.3 36.5 54.7#

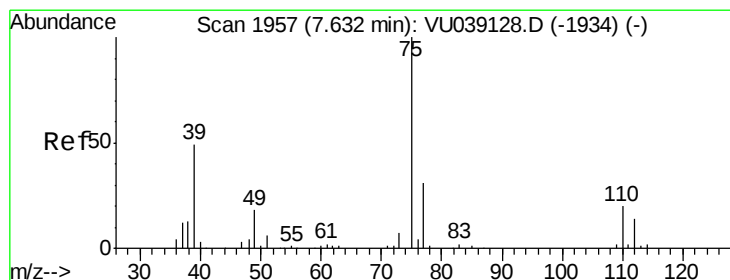
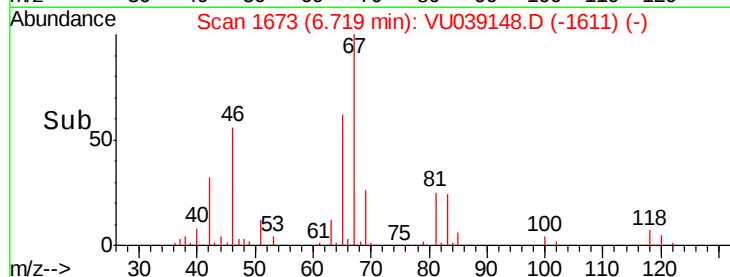
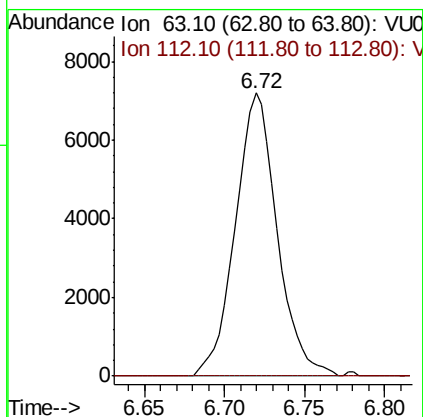
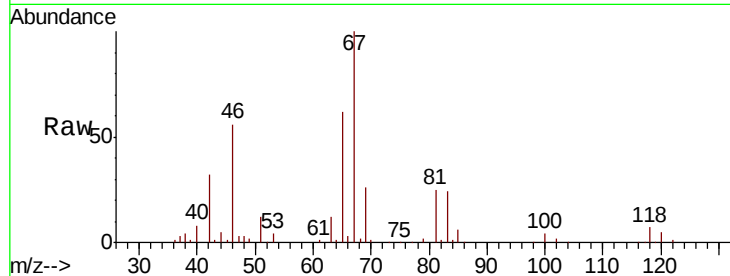




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039148.D
 Acq: 26 Jun 2020 05:17

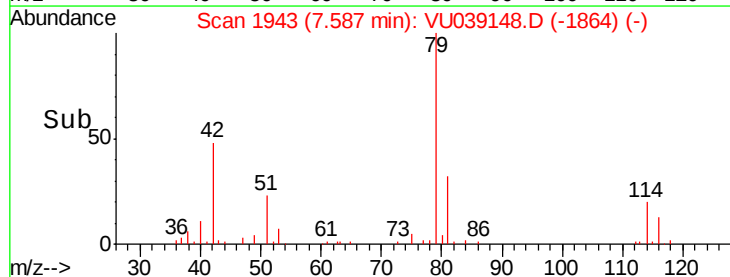
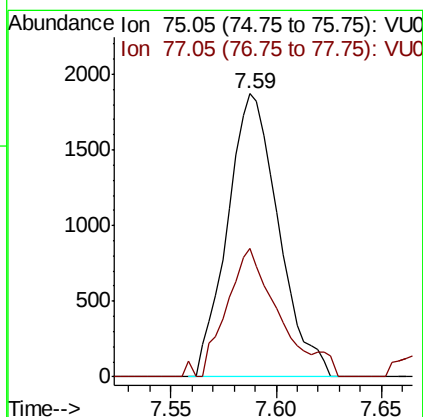
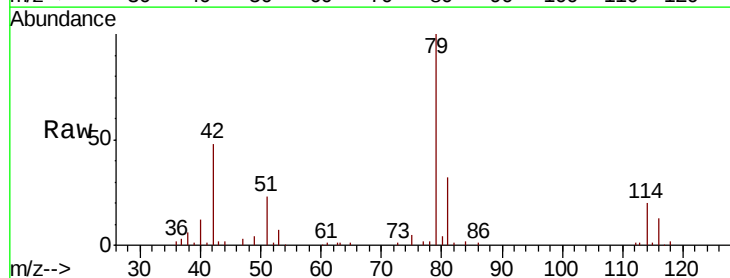
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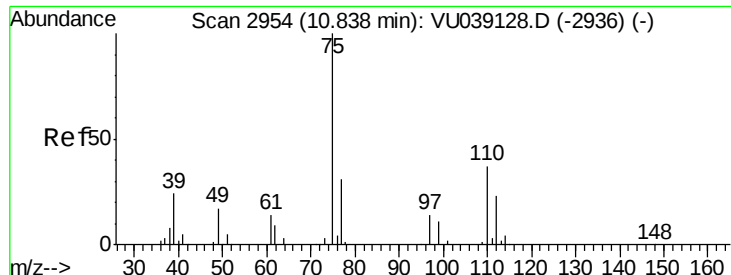
Tot Ion: 63 Resp: 12803
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039148.D
 Acq: 26 Jun 2020 05:17

Tgt Ion: 75 Resp: 3152
 Ion Ratio Lower Upper
 75 100
 77 45.2 21.6 40.0#





#59

1,2,3-Trichloropropane

Concen: 0.928 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039148.D

Acq: 26 Jun 2020 05:17

Instrument :

MSVOA_U

ClientSampleId :

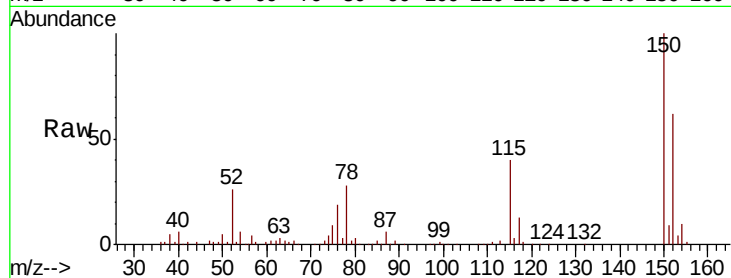
F9Q75

Tot Ion: 75 Resp: 14346

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

