

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039515.D
 Acq On : 16 Jul 2020 11:51
 Operator : SY/MD
 Sample : L3313-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C16

Quant Time: Jul 17 01:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	99859	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95407	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19903	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.92	69	24831	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.58	63	32507	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.65	46	96258	36.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.70%
24) Chloroform-d	5.08	84	47379	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
26) 1,2-Dichloroethane-d4	5.72	65	32456	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.74	84	94078	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.70	67	31607	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	7.91	98	82492	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	12687	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.64	63	69315	32.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.58%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27853	3.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	33708	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

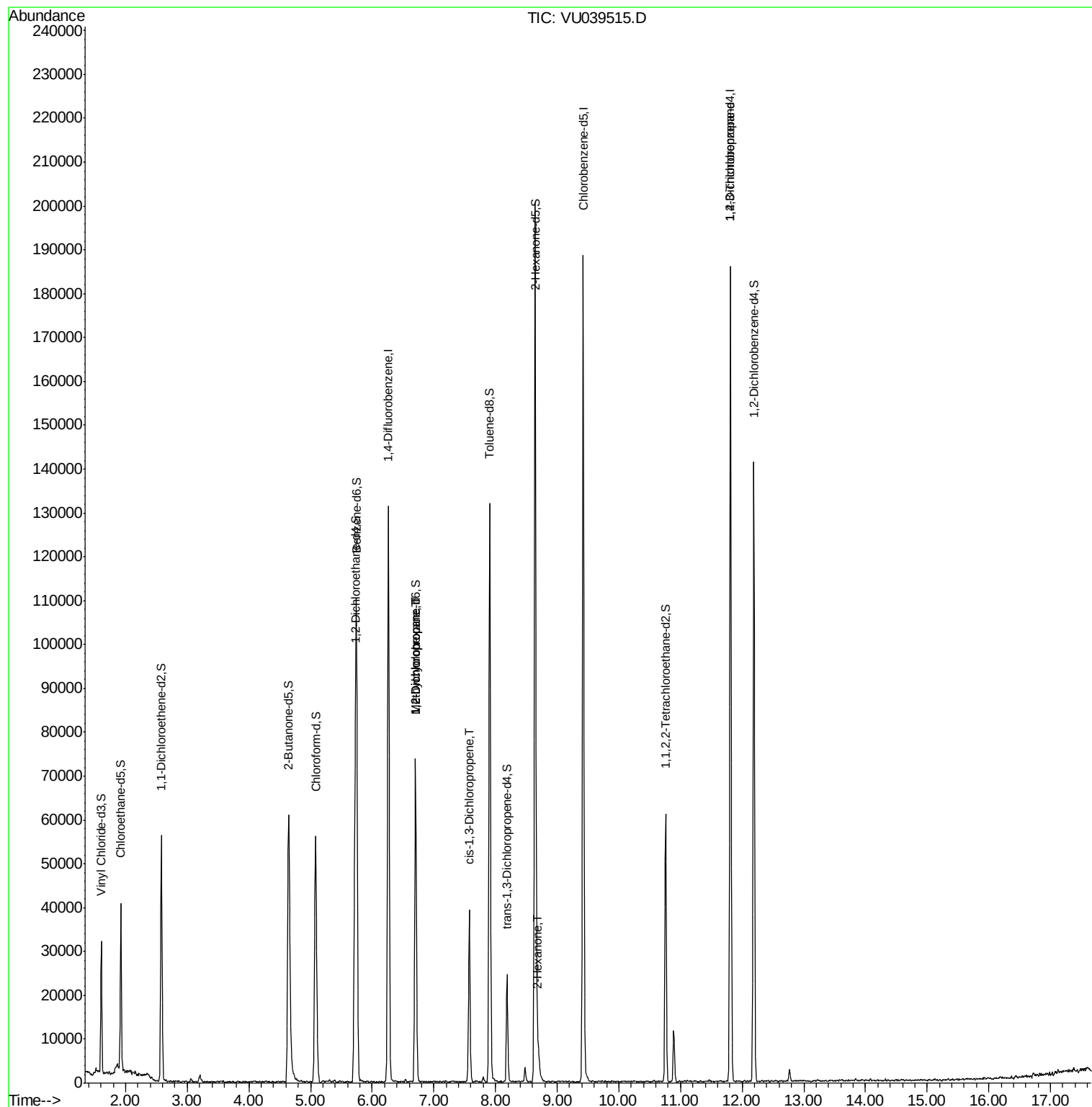
					Ovalue
35) Methylcyclohexane	6.71	83	7527	0.637 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4007	0.515 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1197	0.102 ug/L #	60
48) 2-Hexanone	8.69	43	4727	0.988 ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	7075	1.235 ug/L	95

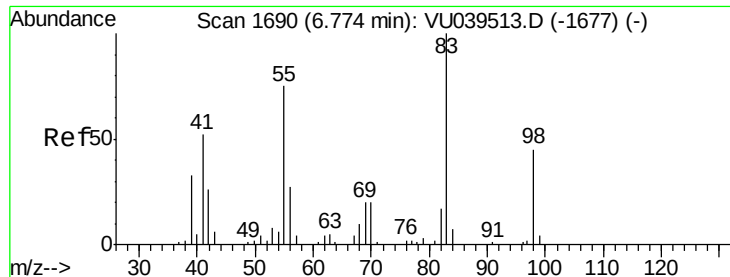
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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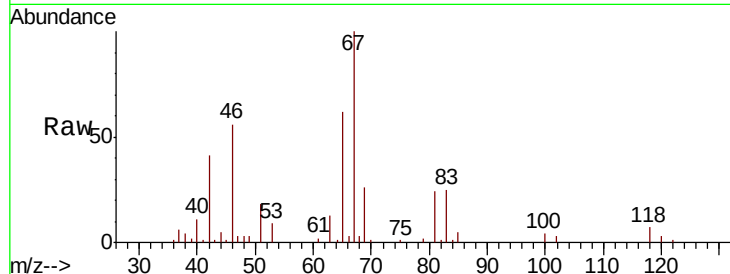




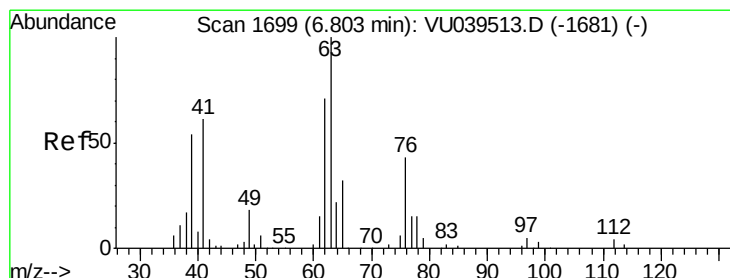
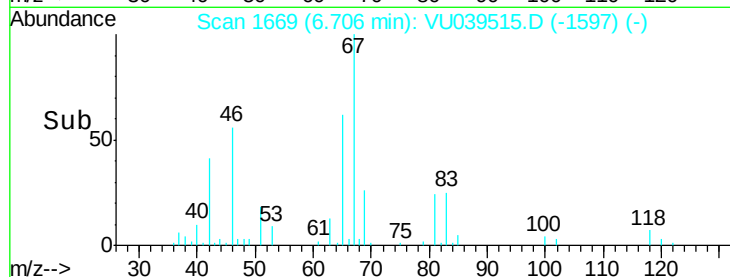
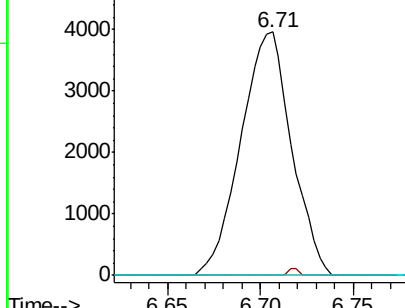
#35
Methylvlcyclohexane
Concen: 0.637 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039515.D
Acq: 16 Jul 2020 11:51

Instrument :
MSVOA_U
ClientSampleId :
F4C16

Tot Ion: 83 Resp: 7527
Ion Ratio Lower Upper
83 100
55 0.6 62.1 93.1#
98 0.8 35.9 53.9#

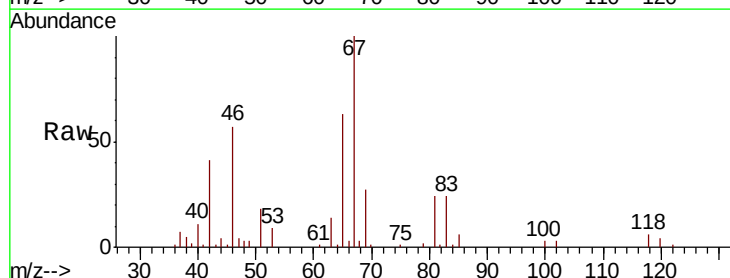


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

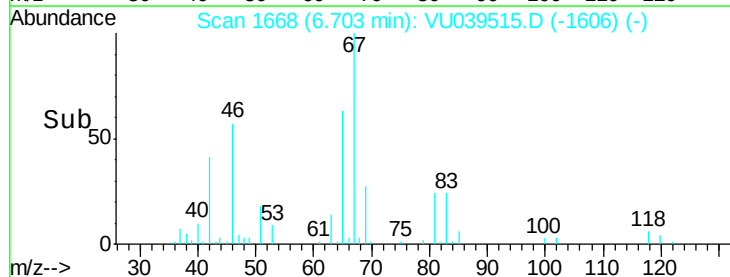
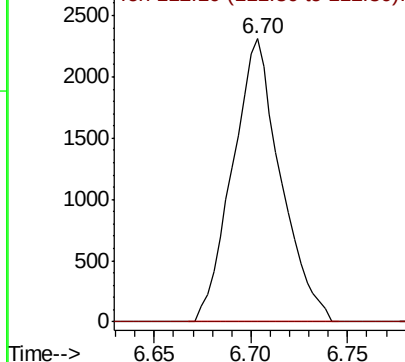


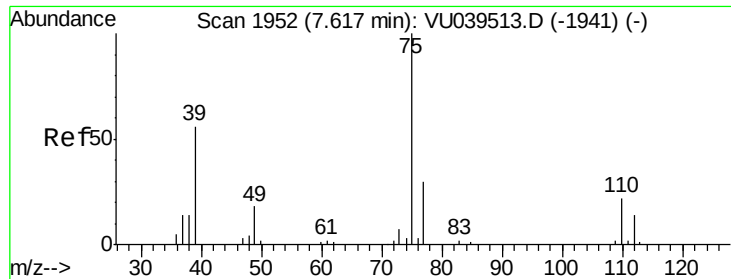
#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039515.D
Acq: 16 Jul 2020 11:51

Tgt Ion: 63 Resp: 4007
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

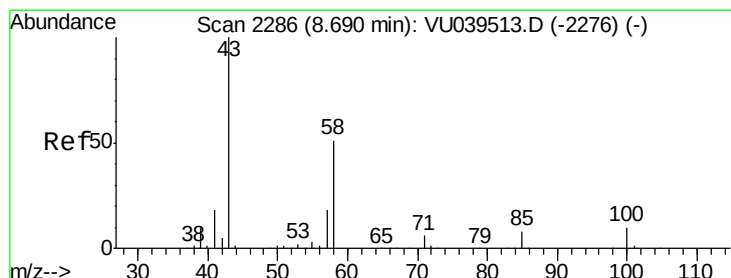
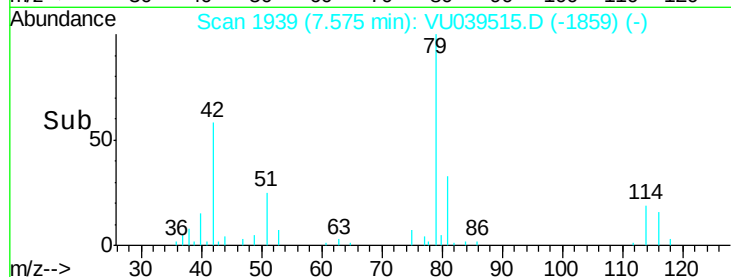
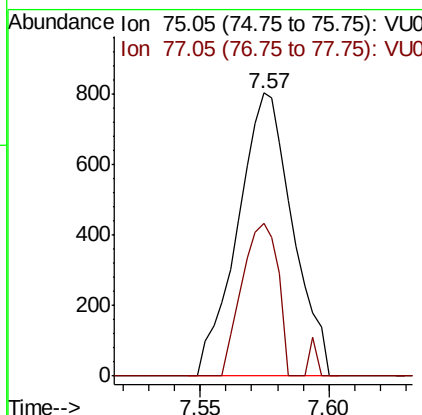
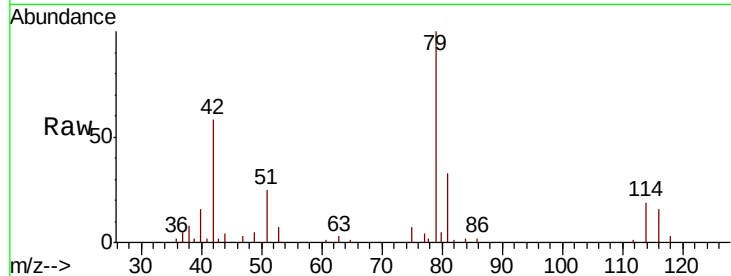




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039515.D
 Acq: 16 Jul 2020 11:51

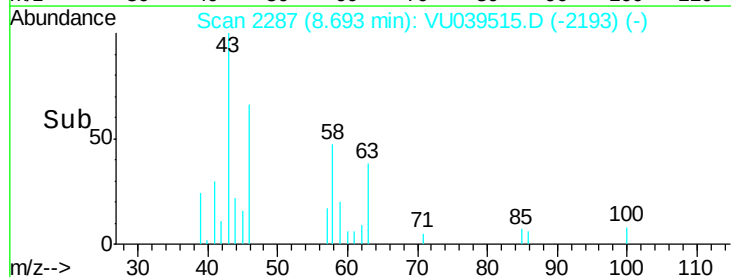
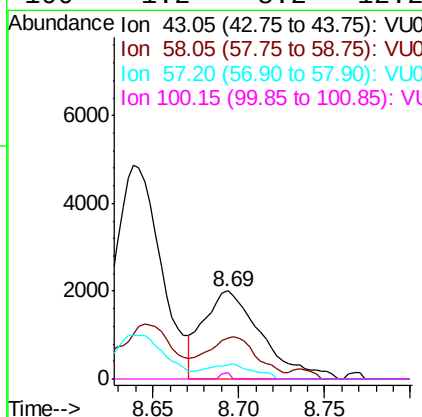
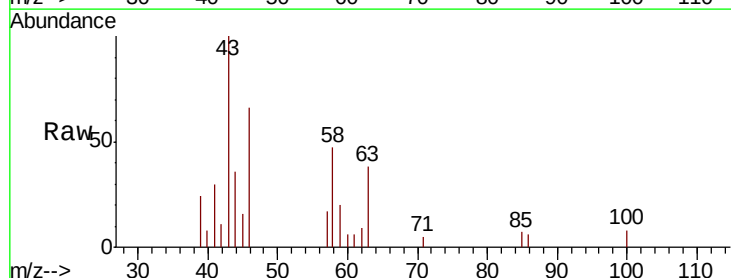
Instrument :
 MSVOA_U
 ClientSampled :
 F4C16

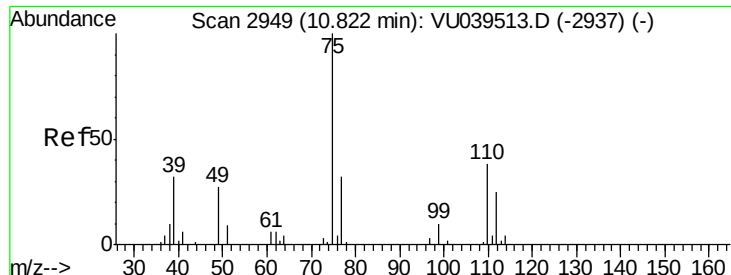
Tot Ion: 75 Resp: 1197
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 0.988 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: VU039515.D
 Acq: 16 Jul 2020 11:51

Tgt Ion: 43 Resp: 4727
 Ion Ratio Lower Upper
 43 100
 58 43.1 42.0 63.0
 57 13.5 14.0 21.0#
 100 1.2 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.235 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039515.D

Acq: 16 Jul 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

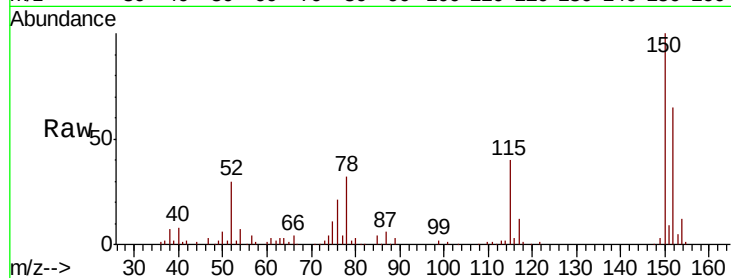
F4C16

Tot Ion: 75 Resp: 7075

Ion Ratio Lower Upper

75 100

77 36.5 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

