

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016625.D
 Acq On : 07 Jun 2020 07:17
 Operator : SY/MD
 Sample : L2872-03DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFEN5DL

Quant Time: Jun 07 07:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	369425	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340050	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152147	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108926	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.26%
7) Chloroethane-d5	1.57	69	77452	41.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.12	63	148448	32.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.00%
21) 2-Butanone-d5	3.90	46	178364	106.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.61%
24) Chloroform-d	4.37	84	231718	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.05	65	165398	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
32) Benzene-d6	5.07	84	460290	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
36) 1,2-Dichloropropane-d6	6.09	67	147734	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.34	98	412953	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%
43) trans-1,3-Dichloropropene-	7.64	79	63218	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.11	63	126698	104.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.23%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182086	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	154294	53.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.92%

Target Compounds

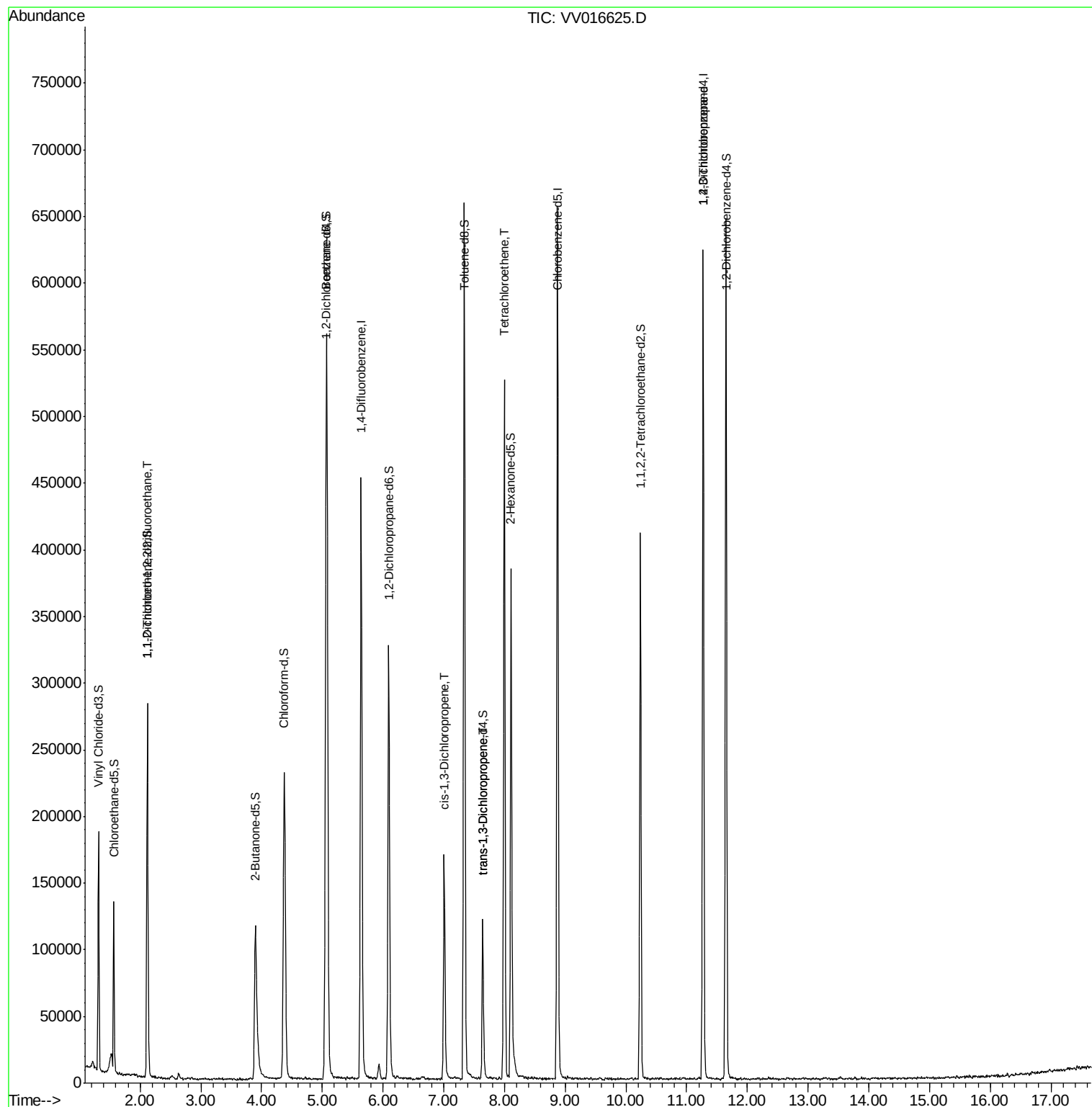
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1583	0.743 ug/L	# 20
39) cis-1,3-Dichloropropene	7.01	75	4403	1.158 ug/L	86
44) trans-1,3-Dichloropropene	7.64	75	3397	0.911 ug/L	84
46) Tetrachloroethene	8.00	164	112357	55.532 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	19348	5.948 ug/L	94

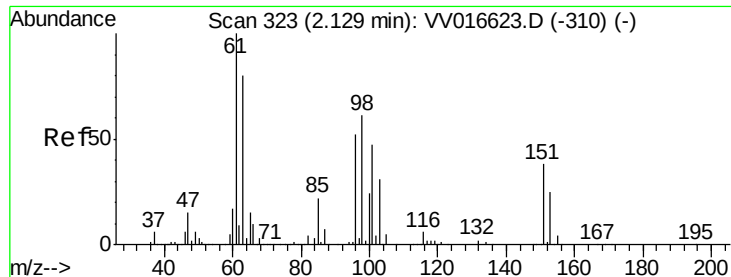
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 07 07:46:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.743 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Acq: 07 Jun 2020 07:17

Instrument :

MSVOA_V

ClientSampleId :

BFEN5DL

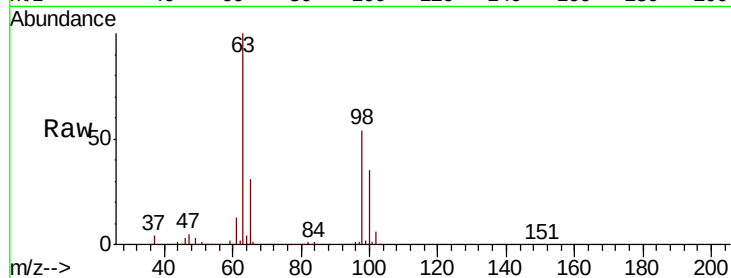
Tot Ion:101 Resp: 1583

Ion Ratio Lower Upper

101 100

85 2.6 35.6 53.4#

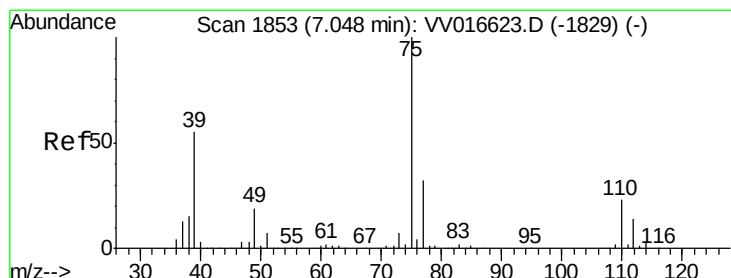
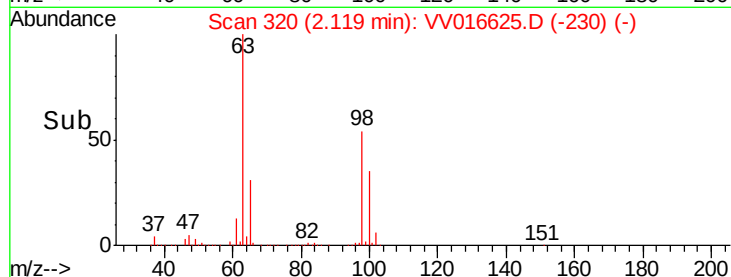
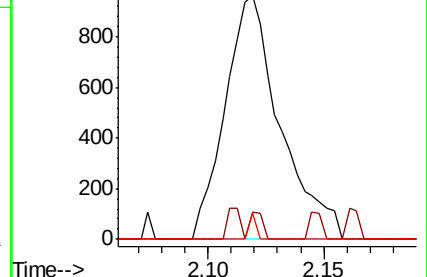
151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.158 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016625.D

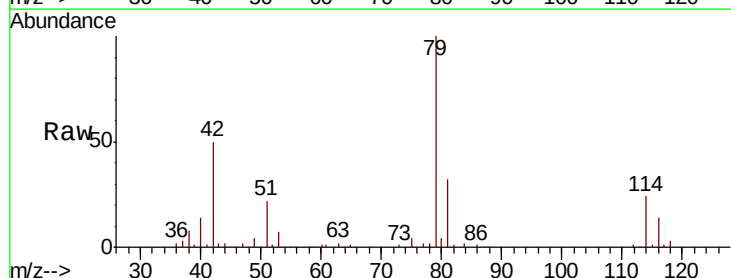
Acq: 07 Jun 2020 07:17

Tgt Ion: 75 Resp: 4403

Ion Ratio Lower Upper

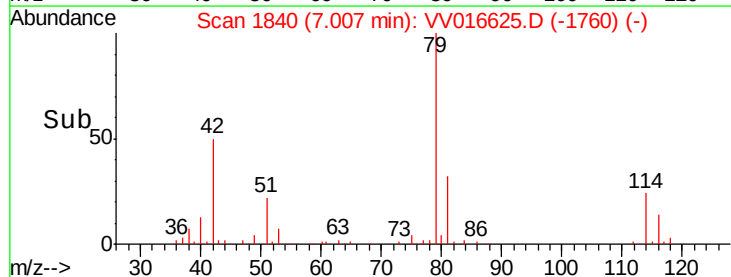
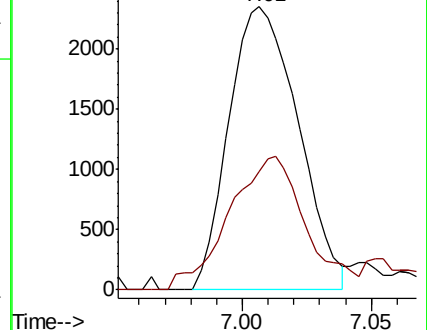
75 100

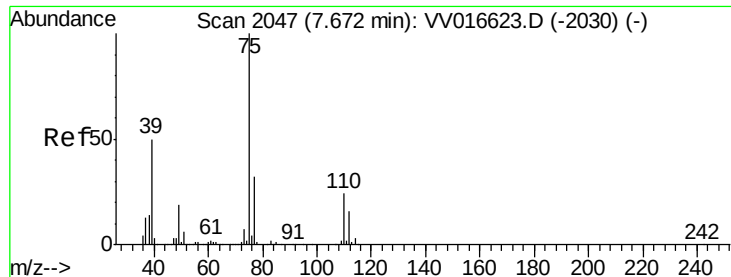
77 39.4 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.911 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016625.D

Acq: 07 Jun 2020 07:17

Instrument :

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ClientSampleId :

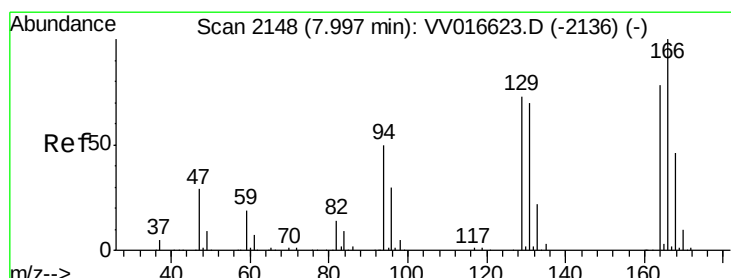
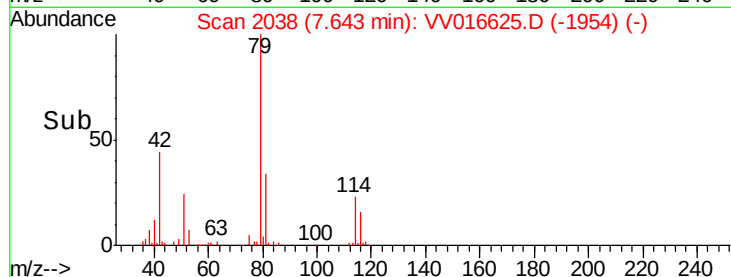
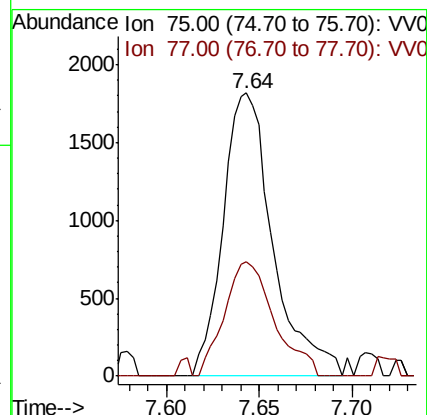
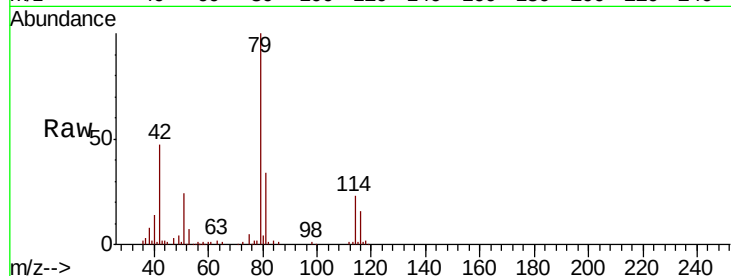
BFEN5DL

Tot Ion: 75 Resp: 3397

Ion Ratio Lower Upper

75 100

77 40.5 22.2 41.2



#46

Tetrachloroethene

Concen: 55.532 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016625.D

Acq: 07 Jun 2020 07:17

Tgt Ion: 164 Resp: 112357

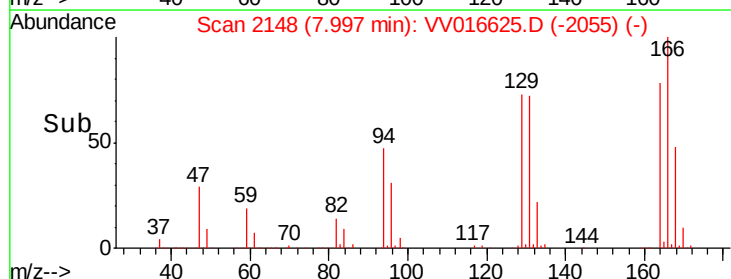
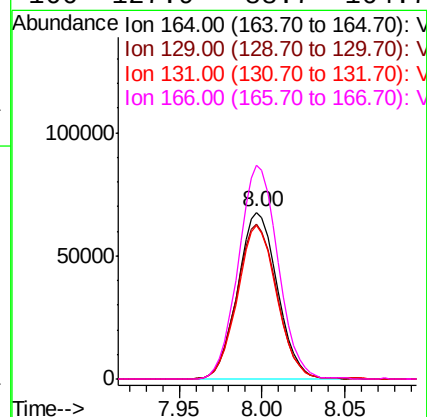
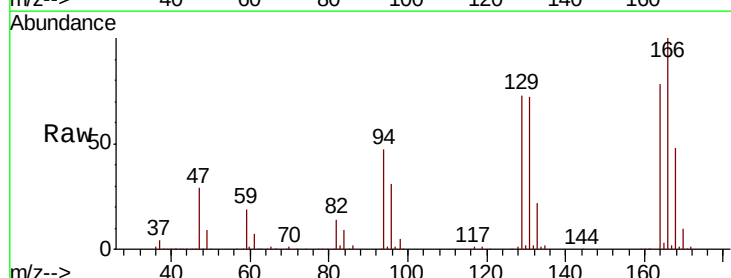
Ion Ratio Lower Upper

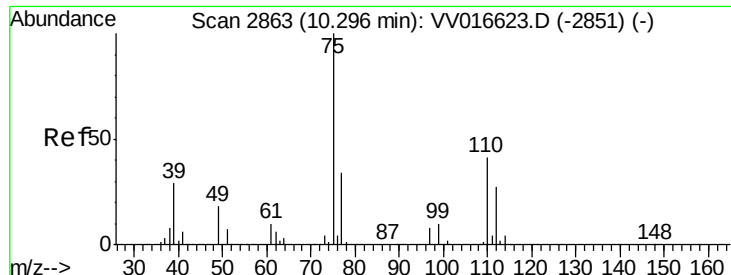
164 100

129 92.9 67.7 125.7

131 92.0 63.8 118.6

166 127.9 88.7 164.7





#59

1,2,3-Trichloropropane

Concen: 5.948 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016625.D

Acq: 07 Jun 2020 07:17

Instrument :

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ClientSampleId :

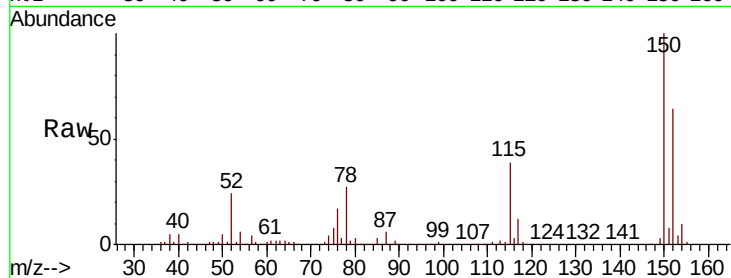
BFEN5DL

Tot Ion: 75 Resp: 19348

Ion Ratio Lower Upper

75 100

77 36.5 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

