

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019185.D
 Acq On : 30 Oct 2020 15:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK61

Quant Time: Oct 31 03:04:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225514	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	221103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109310	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72246	40.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.62%
7) Chloroethane-d5	1.58	69	59396	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.32%
11) 1,1-Dichloroethene-d2	2.12	63	110637	32.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.90%
21) 2-Butanone-d5	3.91	46	98574	89.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.80%
24) Chloroform-d	4.38	84	150300	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.06	65	108975	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
32) Benzene-d6	5.07	84	285560	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
36) 1,2-Dichloropropane-d6	6.09	67	89443	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.66%
41) Toluene-d8	7.34	98	266798	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%
43) trans-1,3-Dichloropropene-	7.64	79	47526	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.84%
47) 2-Hexanone-d5	8.11	63	68859	85.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.02%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	112418	44.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	113615	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%

Target Compounds

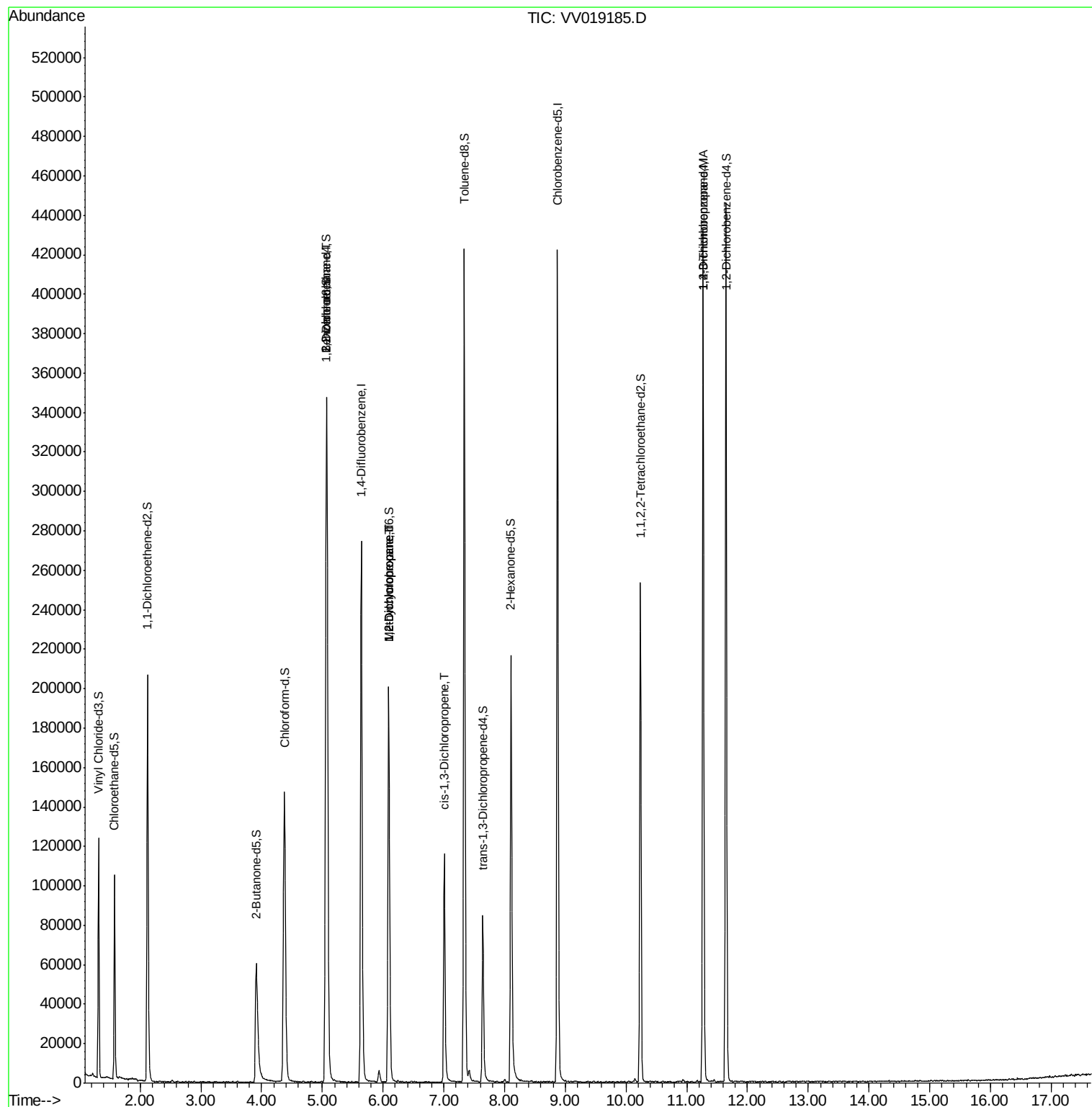
					Ovalue
27) 1,2-Dichloroethane	5.07	62	2083	0.782 ug/L #	76
35) Methylcyclohexane	6.09	83	22785	9.664 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11160	7.049 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3380	1.293 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	12217	5.903 ug/L	96

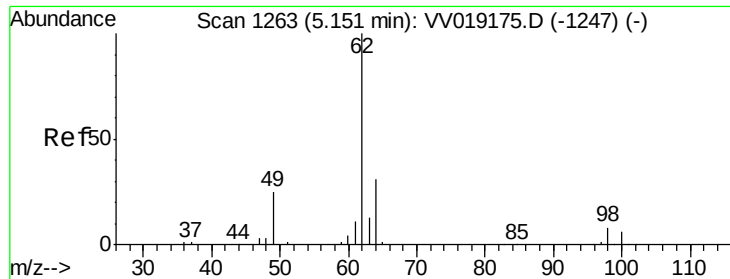
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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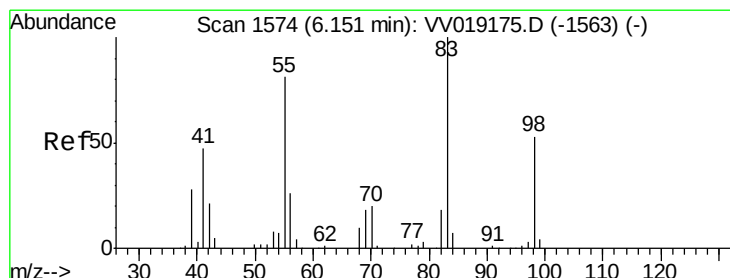
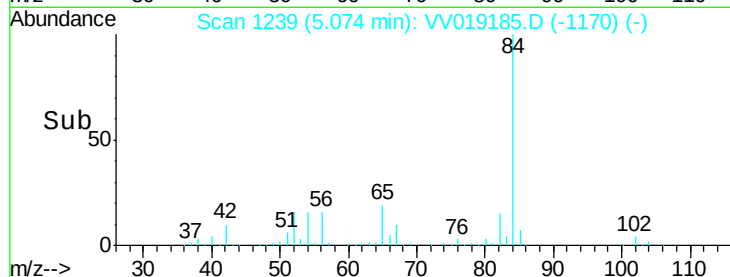
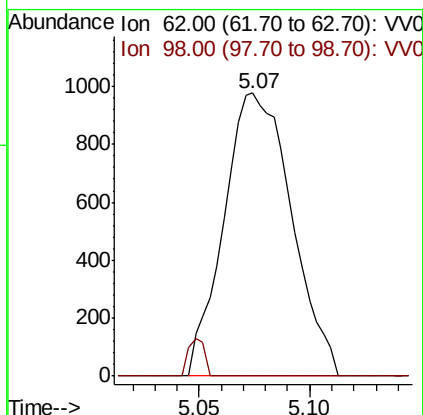
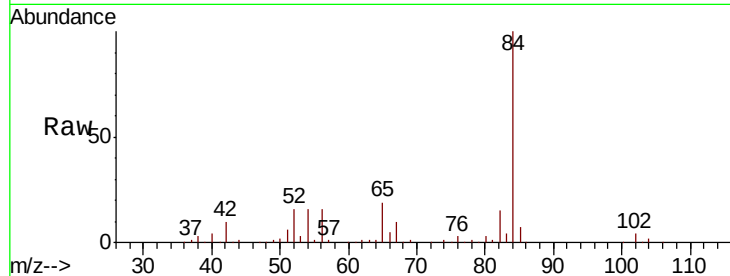




#27
 1,2-Dichloroethane
 Concen: 0.782 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV019185.D
 Acq: 30 Oct 2020 15:28

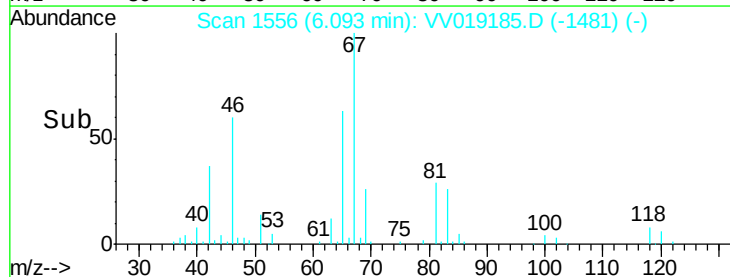
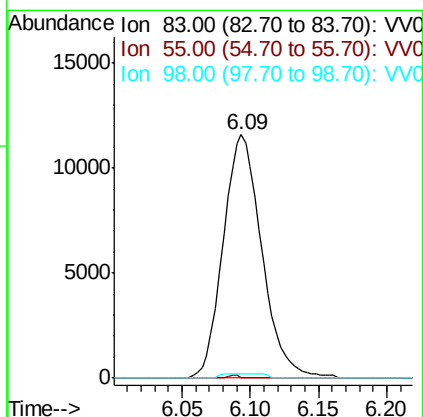
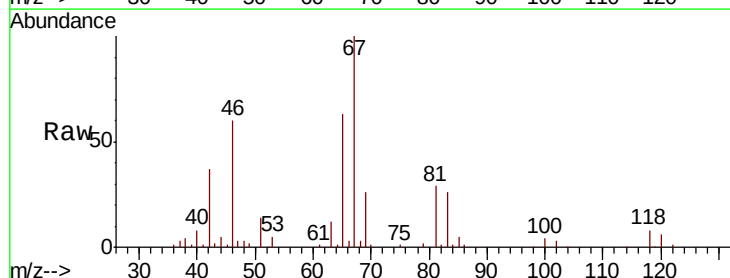
Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK61

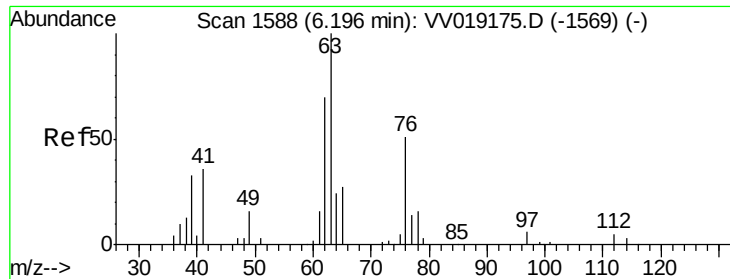
Tot Ion: 62 Resp: 2083
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.8 10.2#



#35
 Methylcyclohexane
 Concen: 9.664 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV019185.D
 Acq: 30 Oct 2020 15:28

Tgt Ion: 83 Resp: 22785
 Ion Ratio Lower Upper
 83 100
 55 0.3 62.2 93.4#
 98 1.1 39.4 59.2#

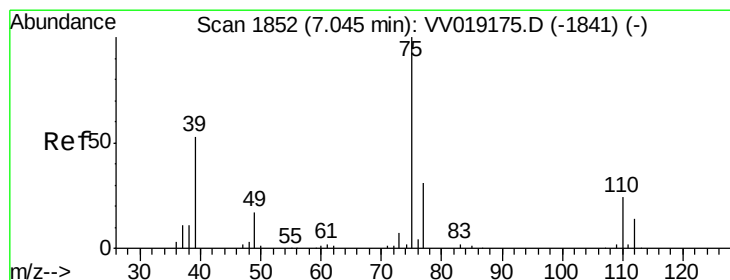
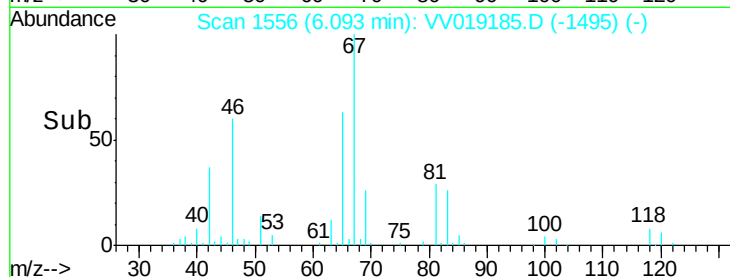
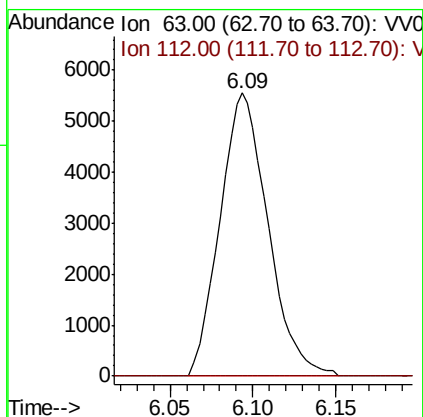
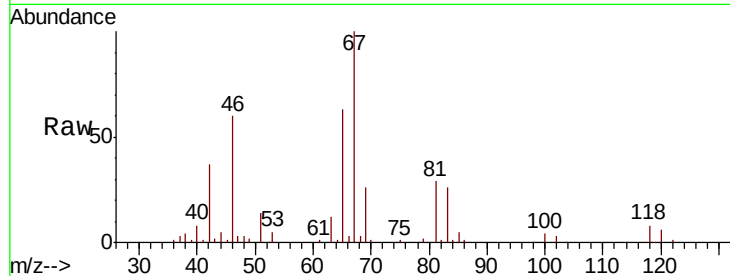




#37
 1,2-Dichloropropane
 Concen: 7.049 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019185.D
 Acq: 30 Oct 2020 15:28

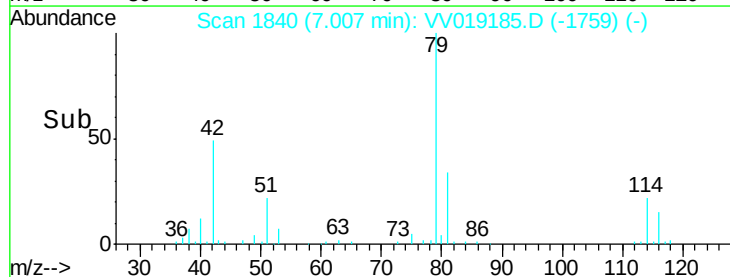
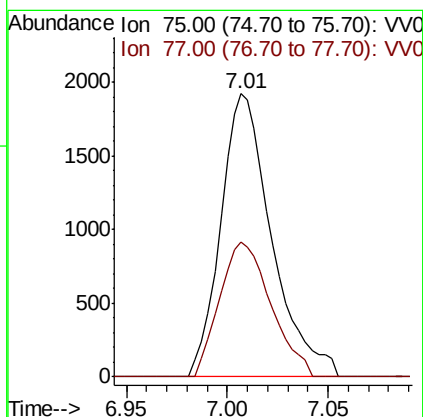
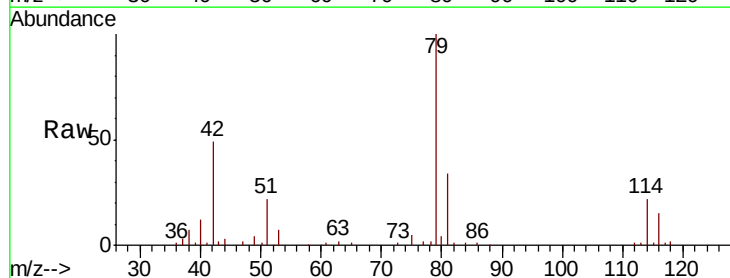
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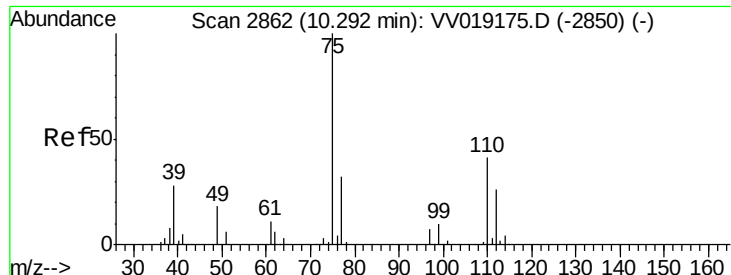
Tot Ion: 63 Resp: 11160
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.293 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019185.D
 Acq: 30 Oct 2020 15:28

Tgt Ion: 75 Resp: 3380
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 5.903 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019185.D

Acq: 30 Oct 2020 15:28

Instrument :

MSVOA_V

ClientSampleId :

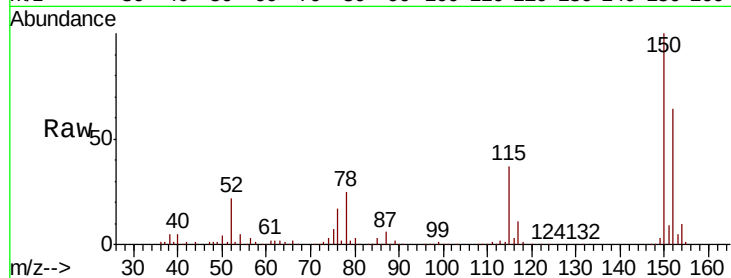
VIBLK61

Tot Ion: 75 Resp: 12217

Ion Ratio Lower Upper

75 100

77 34.8 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

