

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017926.D
 Acq On : 12 Aug 2020 14:26
 Operator : SY/MD
 Sample : L3616-01 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0D2

Quant Time: Aug 13 04:37:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268176	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112626	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97095	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.90%
7) Chloroethane-d5	1.58	69	79189	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.62%
11) 1,1-Dichloroethene-d2	2.12	63	142297	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	3.91	46	126678	94.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.52%
24) Chloroform-d	4.38	84	173056	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.06	65	117997	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
32) Benzene-d6	5.07	84	343882	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
36) 1,2-Dichloropropane-d6	6.09	67	113527	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.42%
41) Toluene-d8	7.34	98	302500	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%
43) trans-1,3-Dichloropropene-	7.64	79	47054	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.11	63	61868	83.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132896	44.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	112717	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

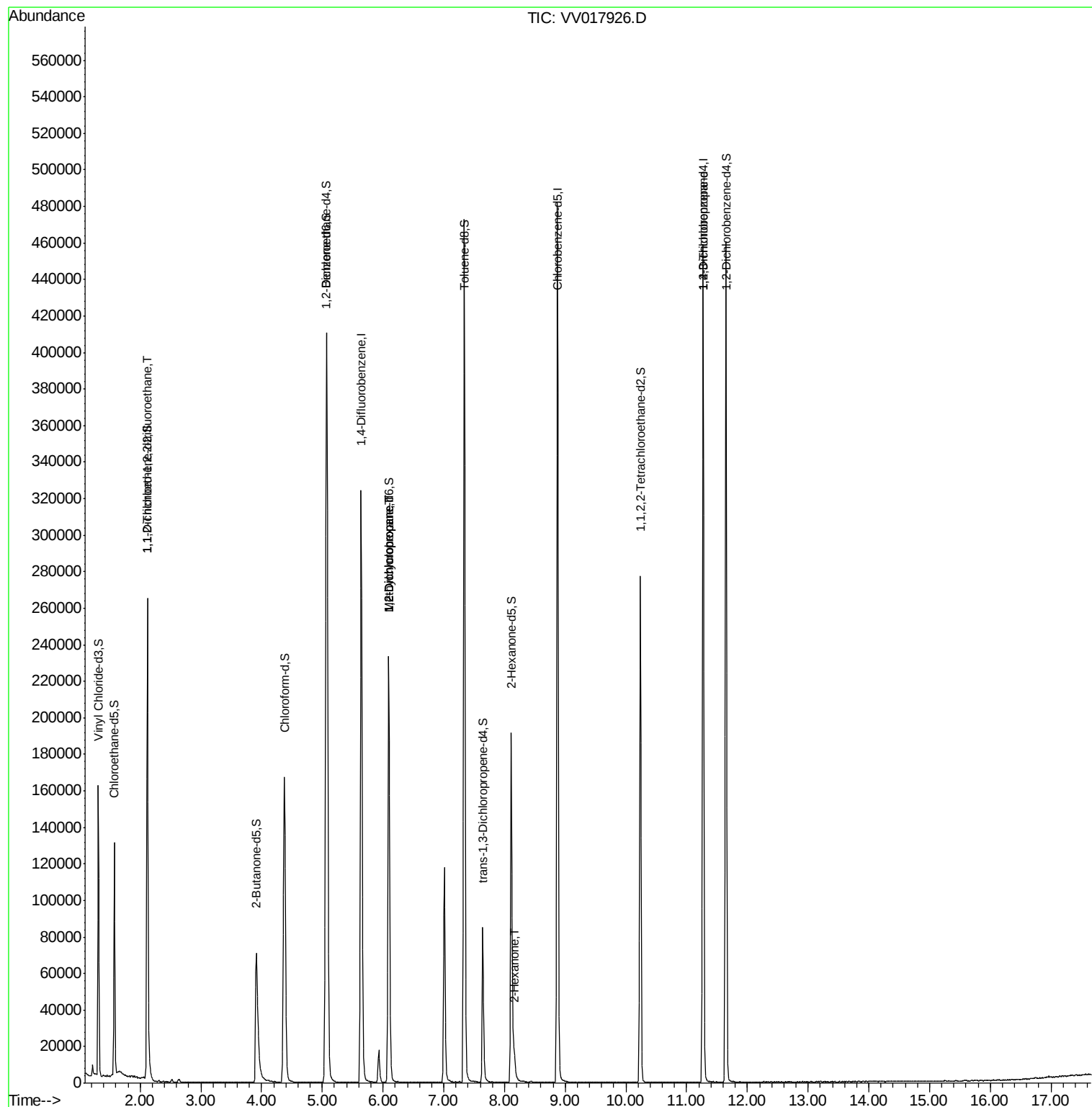
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1259	0.662 ug/L #	20
35) Methylcyclohexane	6.09	83	26814	8.611 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12117	5.608 ug/L #	87
48) 2-Hexanone	8.16	43	7142	3.136 ug/L #	93
59) 1,2,3-Trichloropropane	11.27	75	13373	5.012 ug/L	90

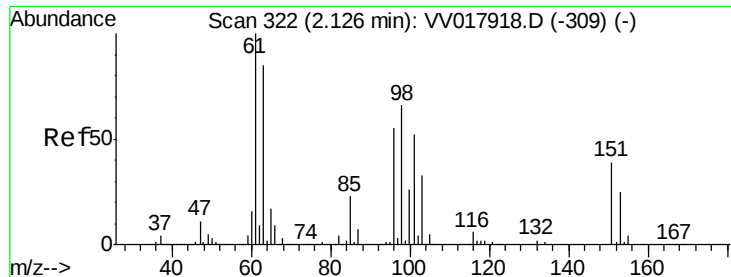
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration





#10

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

Concen: 0.662 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017926.D

Acq: 12 Aug 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :

BG0D2

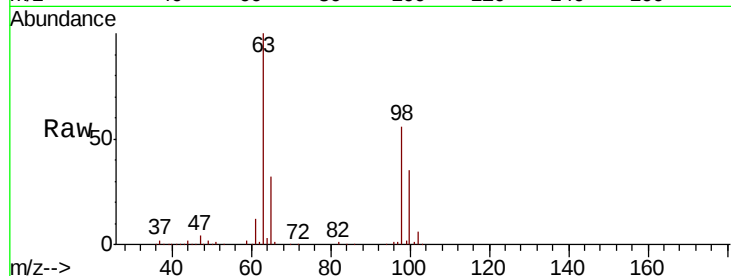
Tot Ion:101 Resp: 1259

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

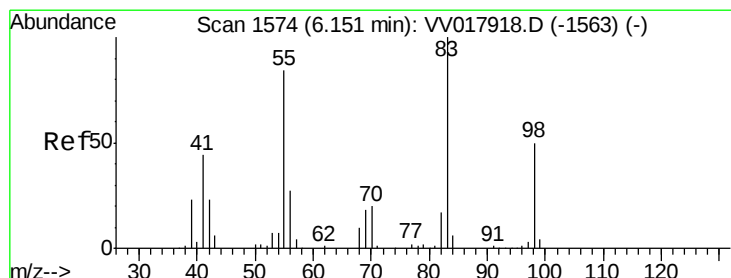
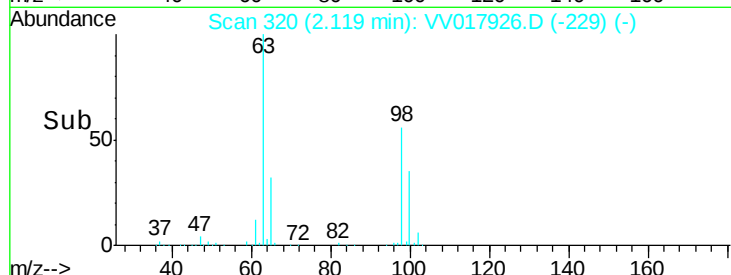
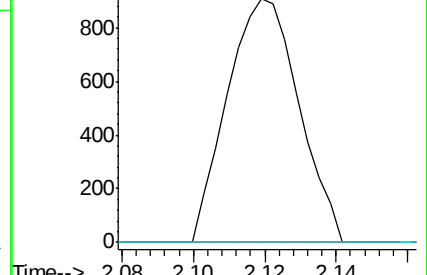
151 0.0 59.1 88.7#



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



#35

Methylcyclohexane

Concen: 8.611 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017926.D

Acq: 12 Aug 2020 14:26

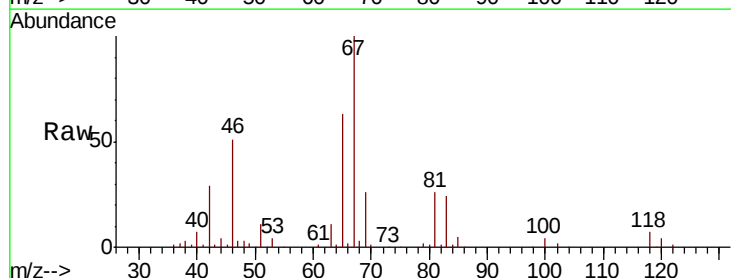
Tgt Ion: 83 Resp: 26814

Ion Ratio Lower Upper

83 100

55 0.2 64.9 97.3#

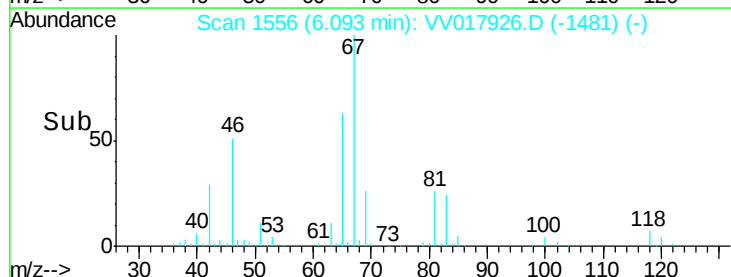
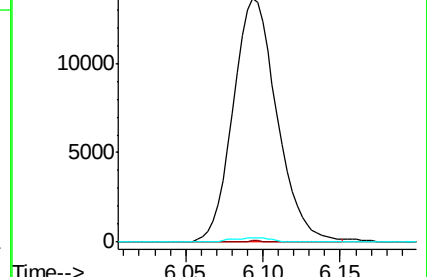
98 1.6 38.7 58.1#

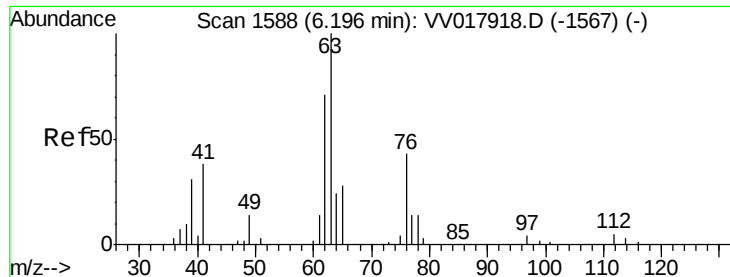


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

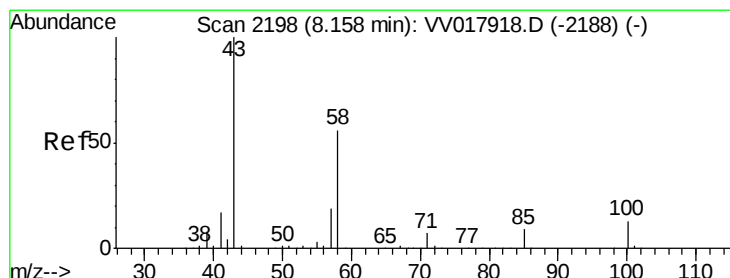
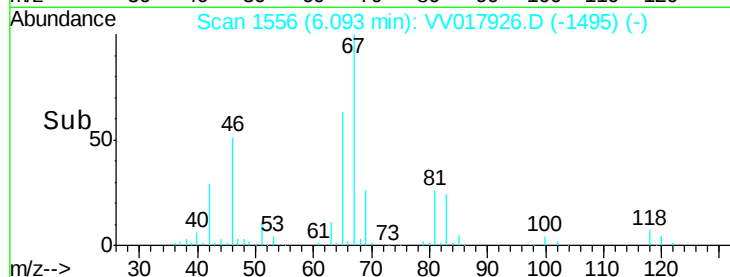
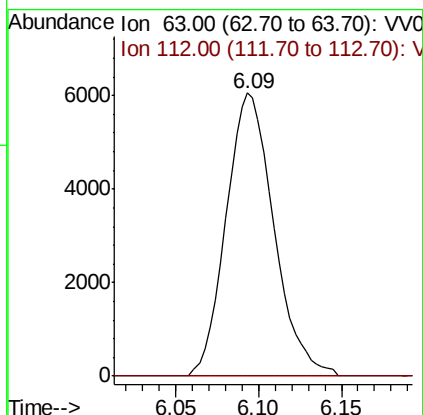
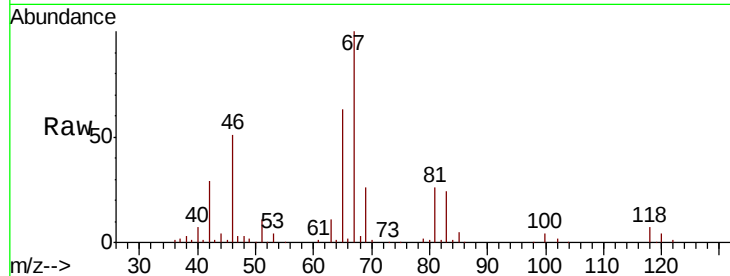




#37
 1,2-Dichloropropane
 Concen: 5.608 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017926.D
 Acq: 12 Aug 2020 14:26

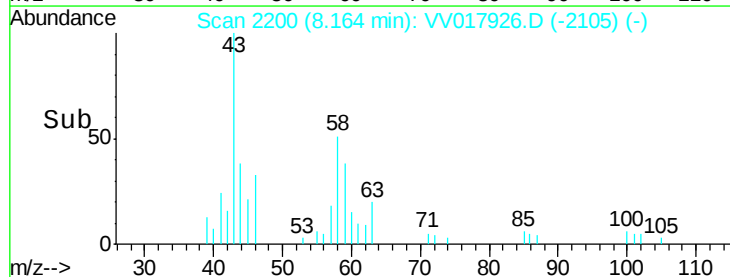
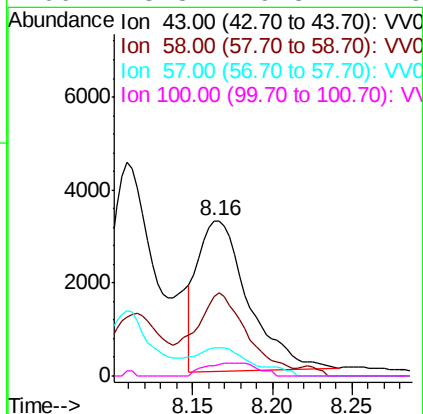
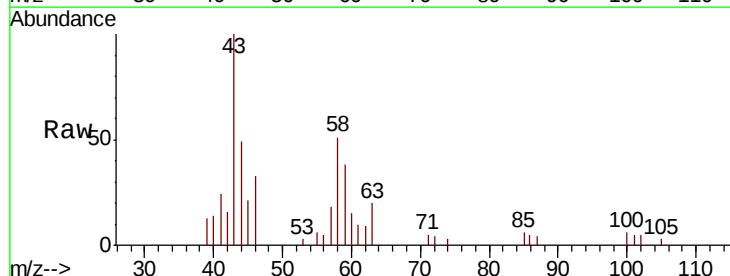
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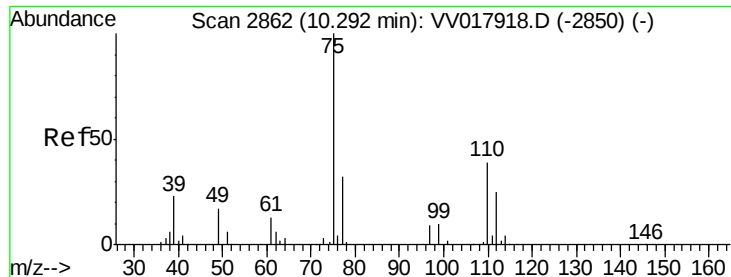
Tot Ion: 63 Resp: 12117
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 3.136 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV017926.D
 Acq: 12 Aug 2020 14:26

Tgt Ion: 43 Resp: 7142
 Ion Ratio Lower Upper
 43 100
 58 57.1 44.4 66.6
 57 11.0 15.2 22.8#
 100 8.8 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.012 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017926.D

Acq: 12 Aug 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :

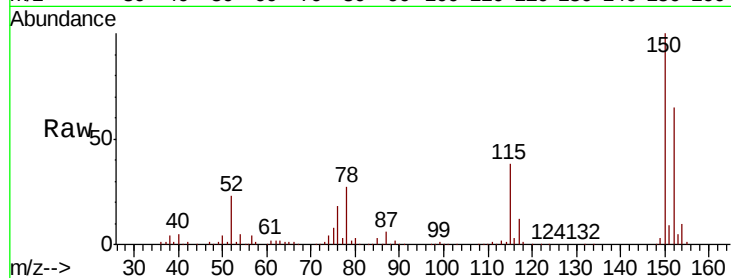
BG0D2

Tot Ion: 75 Resp: 13373

Ion Ratio Lower Upper

75 100

77 37.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

