

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018375.D
 Acq On : 21 Sep 2020 17:08
 Operator : SY/MD
 Sample : L4090-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWY2

Quant Time: Sep 22 04:37:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286924	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85433	36.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.08%
7) Chloroethane-d5	1.58	69	75446	39.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.86%
11) 1,1-Dichloroethene-d2	2.12	63	131671	30.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.40%
21) 2-Butanone-d5	3.92	46	122170	85.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.36%
24) Chloroform-d	4.38	84	172422	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.06	65	114218	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
32) Benzene-d6	5.08	84	343758	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.36%
36) 1,2-Dichloropropane-d6	6.09	67	111486	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.14%
41) Toluene-d8	7.34	98	305138	41.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.14%
43) trans-1,3-Dichloropropene-	7.64	79	53581	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.40%
47) 2-Hexanone-d5	8.11	63	77630	80.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135380	42.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	131359	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%

Target Compounds

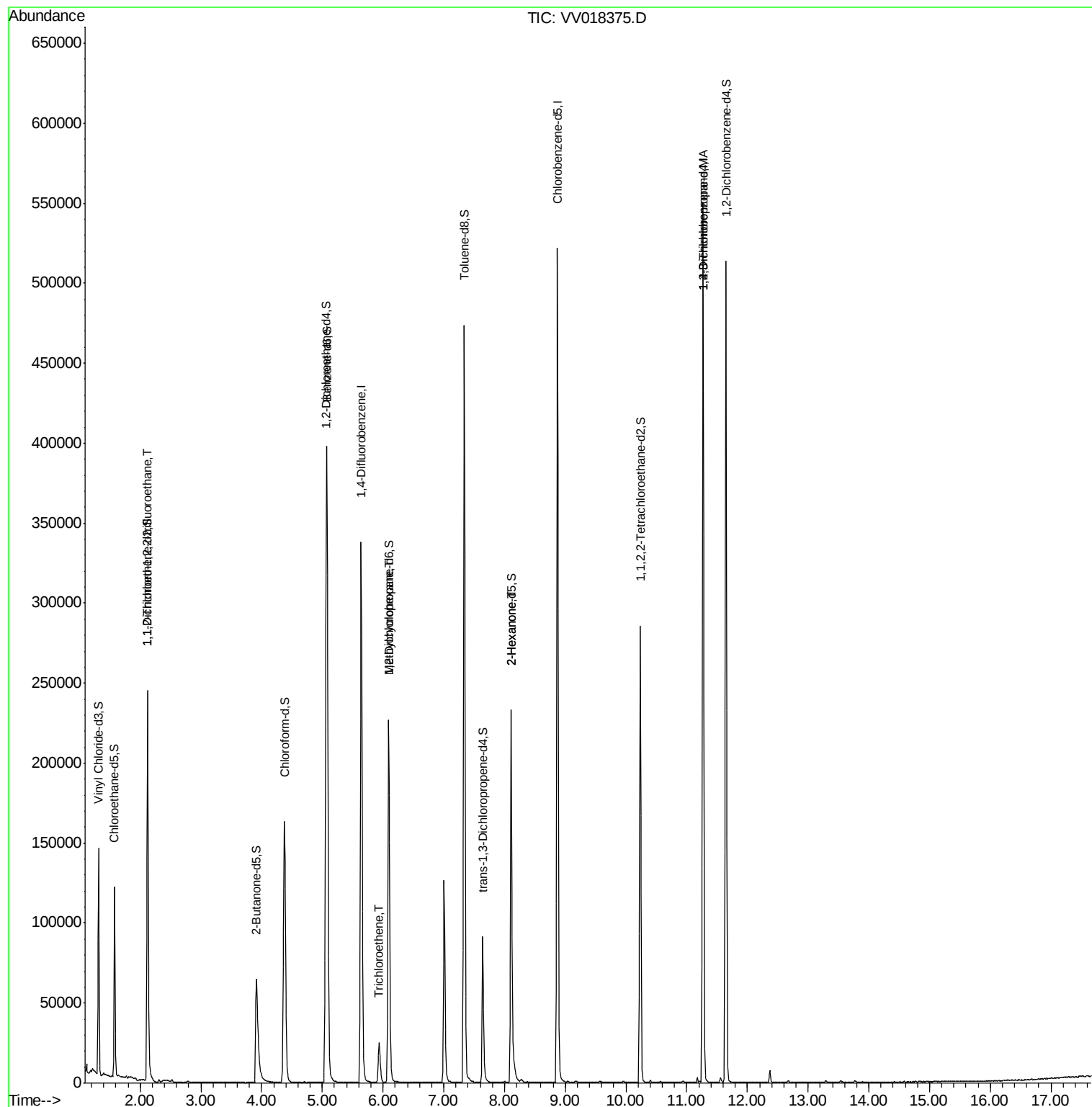
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1397	0.722 ug/L #	26
34) Trichloroethene	5.95	95	5638	2.573 ug/L	96
35) Methylcyclohexane	6.09	83	26913	8.158 ug/L #	18
48) 2-Hexanone	8.11	43	9518	4.669 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	15981	6.375 ug/L	90

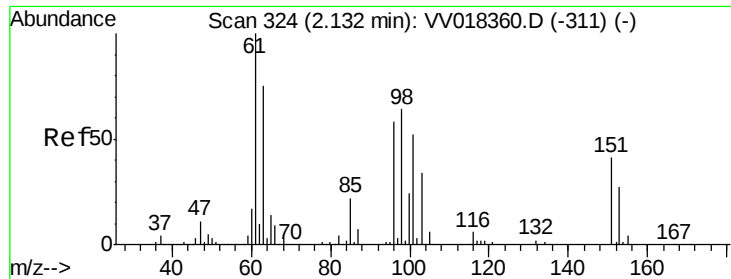
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.722 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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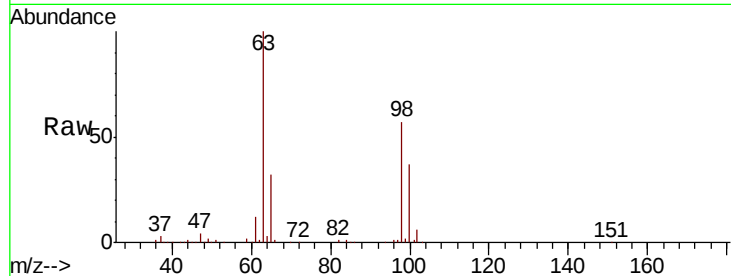
Tot Ion:101 Resp: 1397

Ion Ratio Lower Upper

101 100

85 4.4 33.5 50.3#

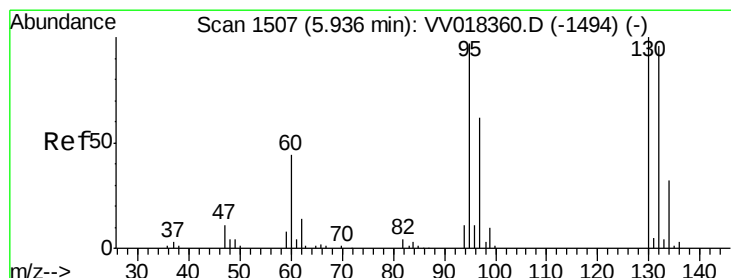
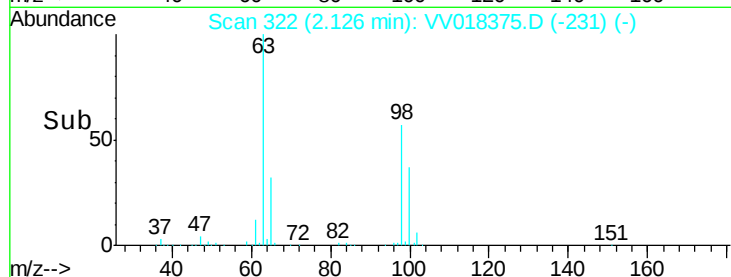
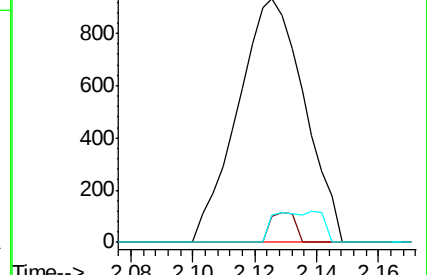
151 5.9 62.2 93.2#



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



#34

Trichloroethene

Concen: 2.573 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018375.D

Acq: 21 Sep 2020 17:08

Tgt Ion: 95 Resp: 5638

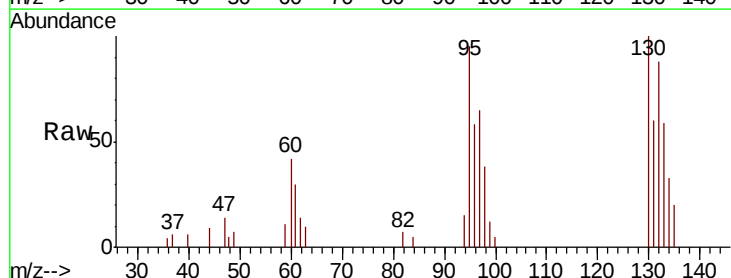
Ion Ratio Lower Upper

95 100

97 68.9 46.3 85.9

132 92.7 68.1 126.5

130 105.5 71.5 132.9

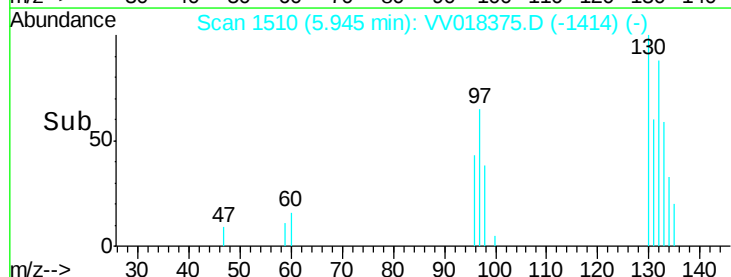
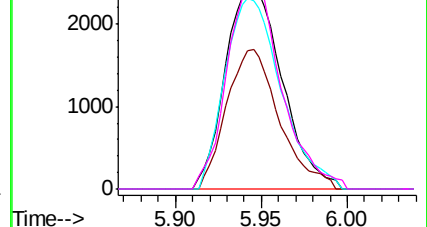


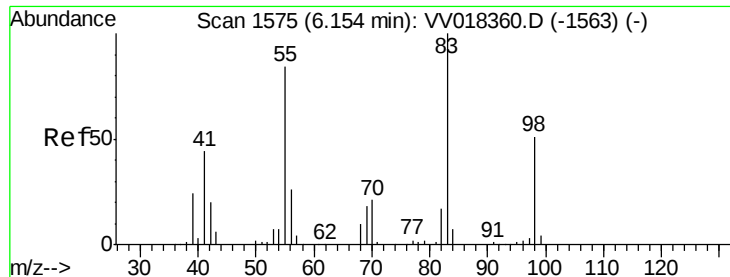
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

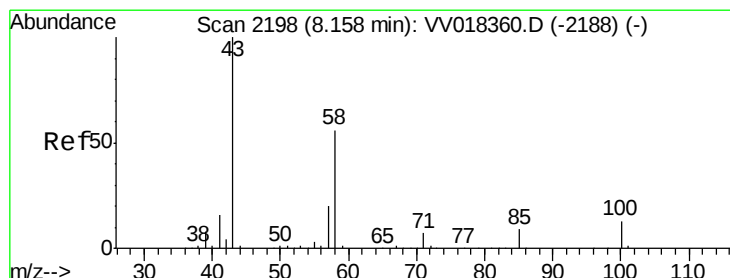
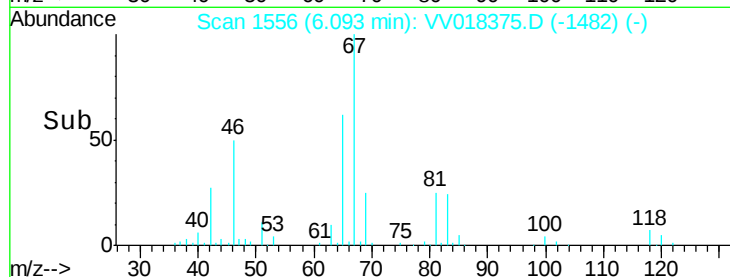
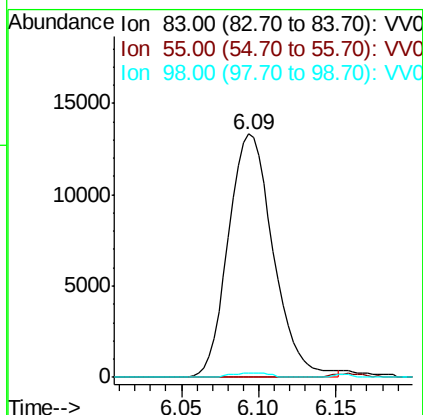
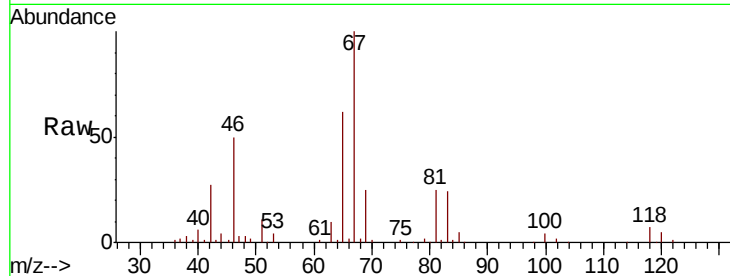




#35
Methylvlcyclohexane
Concen: 8.158 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018375.D
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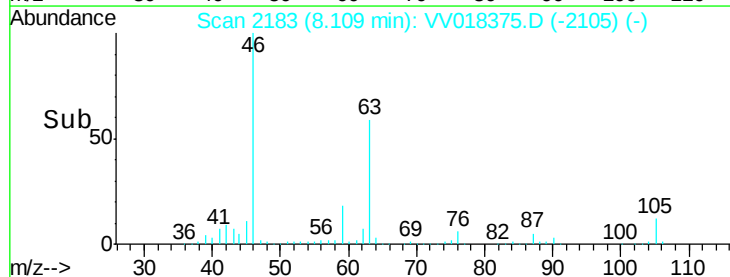
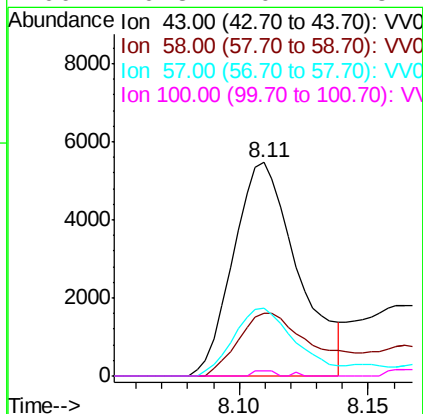
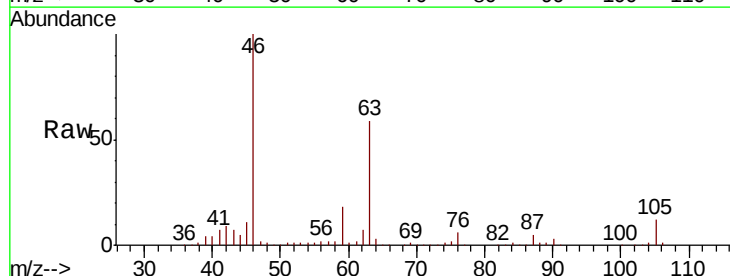
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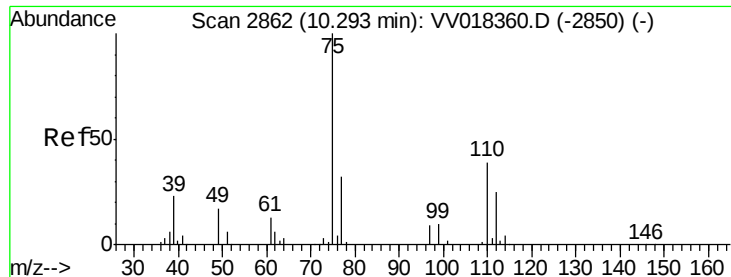
Tot Ion: 83 Resp: 26913
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.4 38.8 58.2#



#48
2-Hexanone
Concen: 4.669 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018375.D
Acq: 21 Sep 2020 17:08

Tgt Ion: 43 Resp: 9518
Ion Ratio Lower Upper
43 100
58 34.2 44.8 67.2#
57 30.6 15.8 23.6#
100 0.8 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.375 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018375.D

Acq: 21 Sep 2020 17:08

Instrument :

MSVOA_V

ClientSampleId :

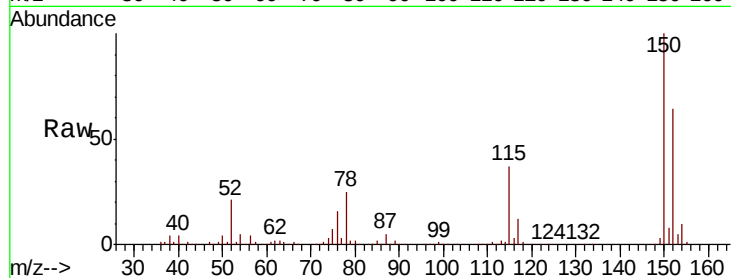
BFWY2

Tot Ion: 75 Resp: 15981

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

