

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016371.D
 Acq On : 26 Aug 2020 16:46
 Operator : SY/VA
 Sample : L3807-16
 Misc : 6.41G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWR2

Quant Time: Aug 27 02:44:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	308772	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	283314	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48555	14.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.92%
7) Chloroethane-d5	2.89	69	44026	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
10) 1,1-Dichloroethene-d2	4.02	63	103396	13.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.80%
20) 2-Butanone-d5	7.09	46	33769	36.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.04%
24) Chloroform-d	7.65	84	171587	21.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	8.31	65	84792	20.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.76%
29) Benzene-d6	8.27	84	316596	20.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.04%
33) 1,2-Dichloropropane-d6	9.27	67	91968	21.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.04%
37) Toluene-d8	10.33	98	295608	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.24%
38) trans-1,3-Dichloropropene-	10.58	79	39984	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.72%
39) 2-Hexanone-d5	10.93	63	29001	41.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75198	20.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	103252	20.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.72%

Target Compounds

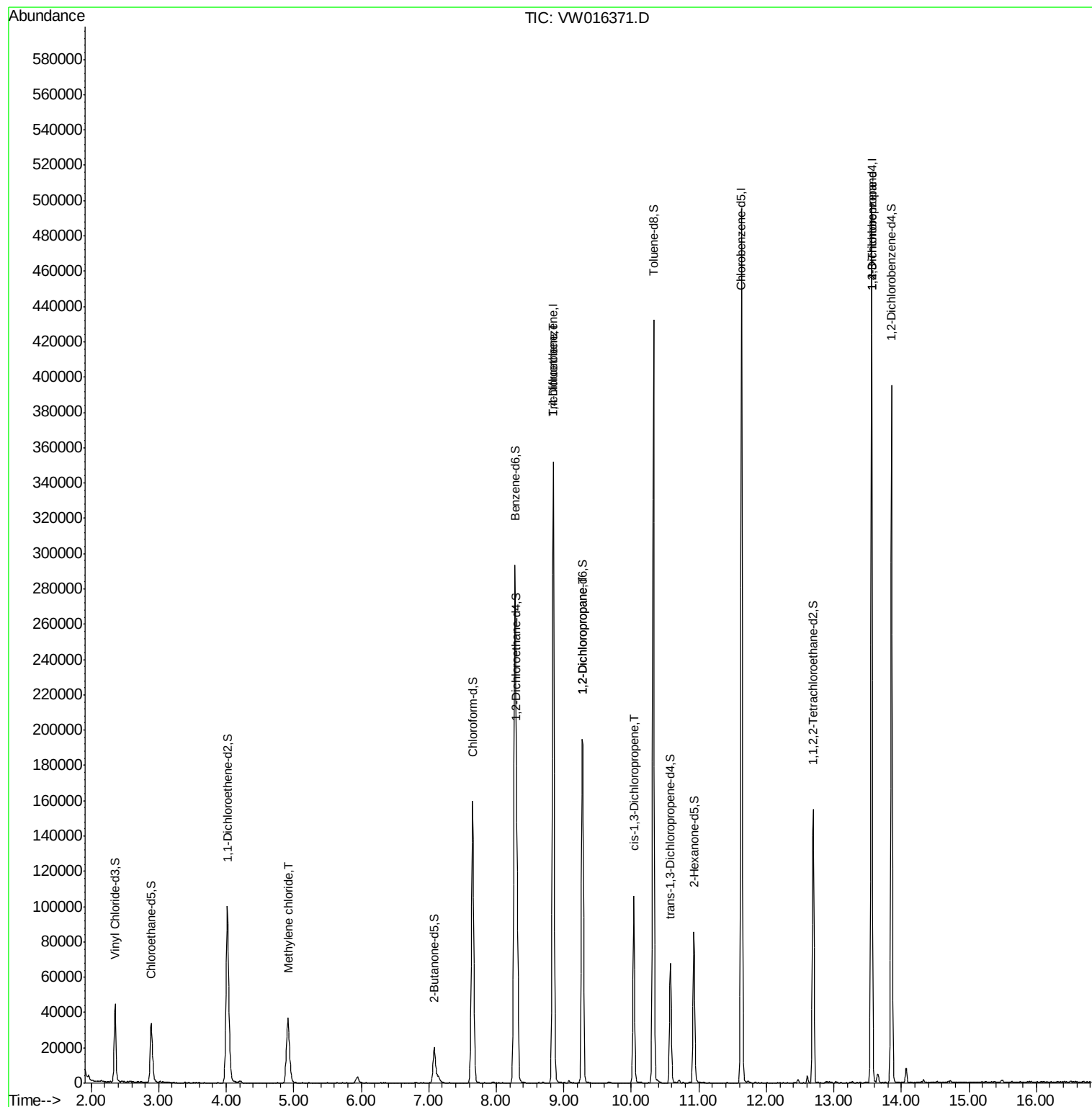
					Ovalue
16) Methylene chloride	4.92	84	31392	5.500 ug/L	94
35) Trichloroethene	8.84	95	9563	2.078 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	10461	2.737 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2751	0.440 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	14042	5.151 ug/L	92

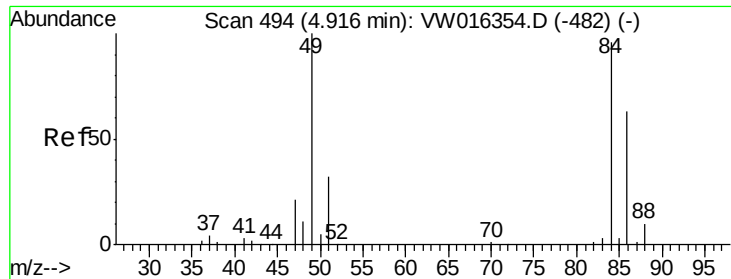
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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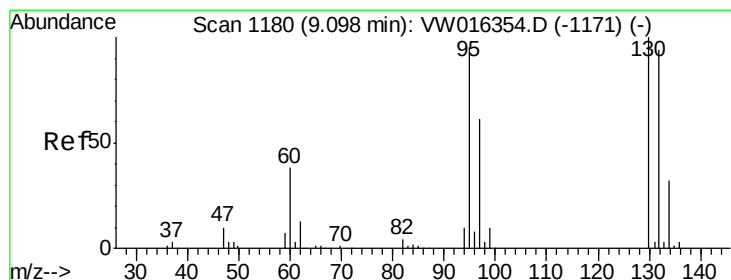
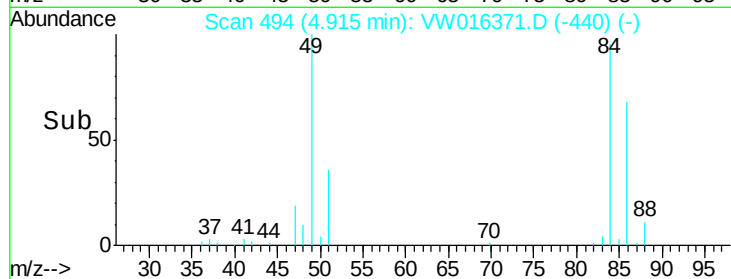
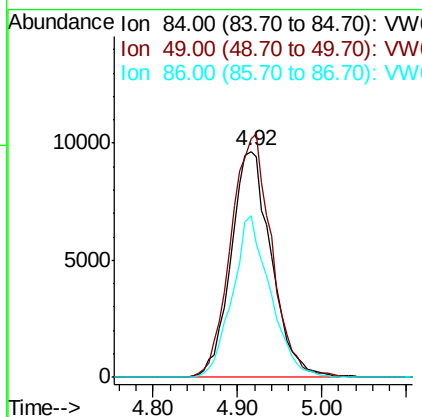
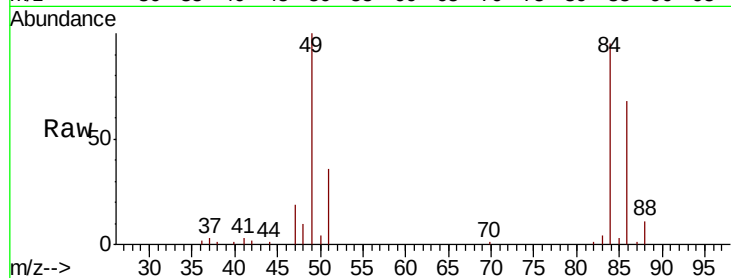




#16
Methylene chloride
Concen: 5.500 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016371.D
Acq: 26 Aug 2020 16:46

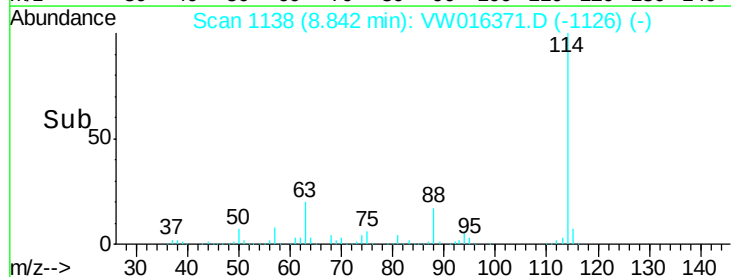
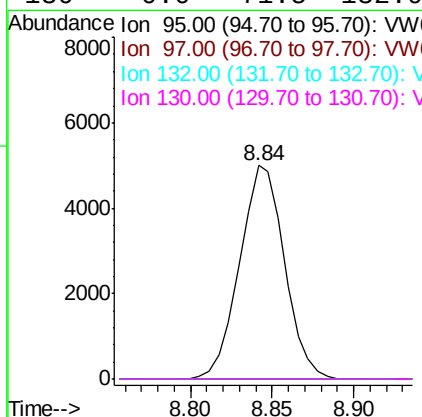
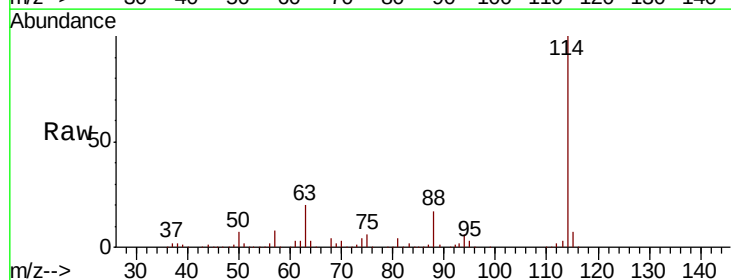
Instrument :
MSVOA_W
ClientSampled :
BFWR2

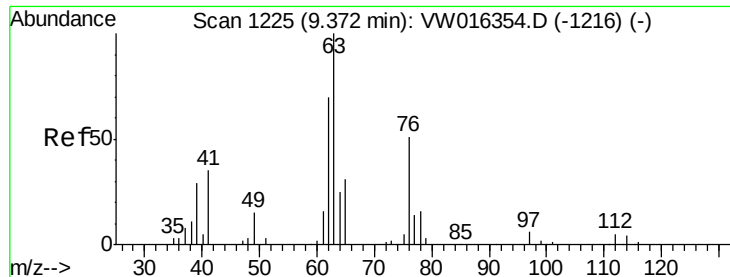
Tot Ion: 84 Resp: 31392
Ion Ratio Lower Upper
84 100
49 105.4 75.3 139.9
86 71.4 43.3 80.3



#35
Trichloroethene
Concen: 2.078 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.26 min
Lab File: VW016371.D
Acq: 26 Aug 2020 16:46

Tgt Ion: 95 Resp: 9563
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 0.0 68.2 126.6#
130 0.0 71.5 132.9#

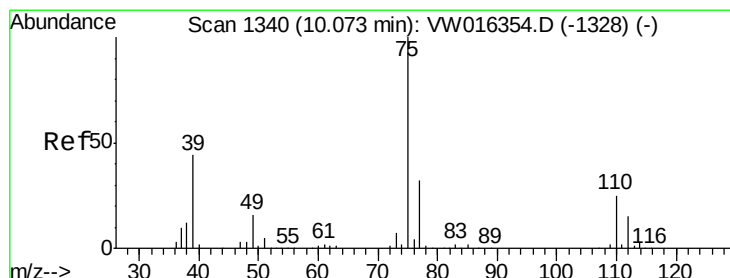
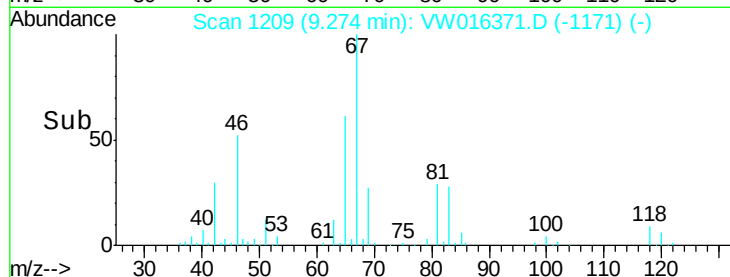
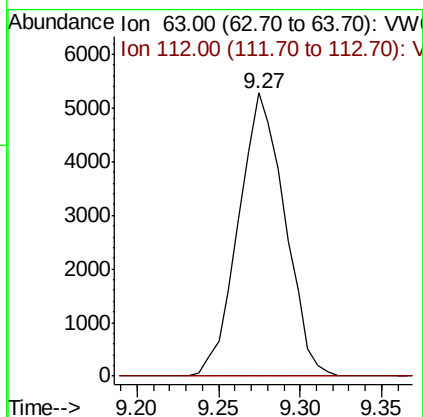
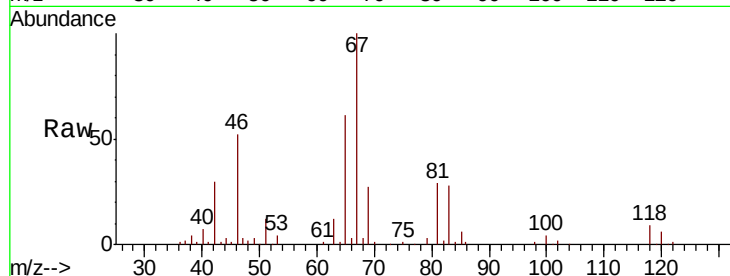




#40
 1,2-Dichloropropane
 Concen: 2.737 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016371.D
 Acq: 26 Aug 2020 16:46

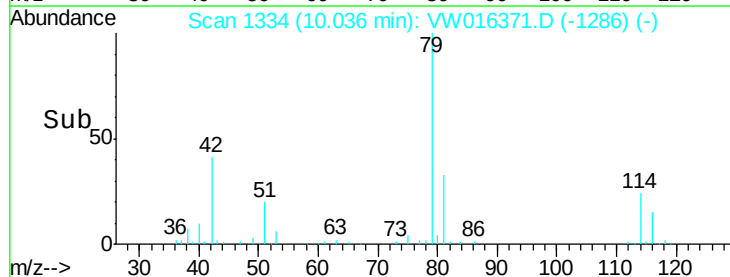
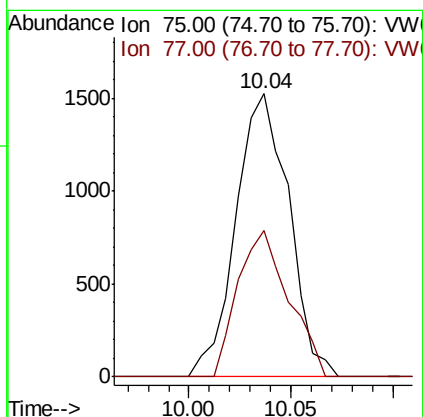
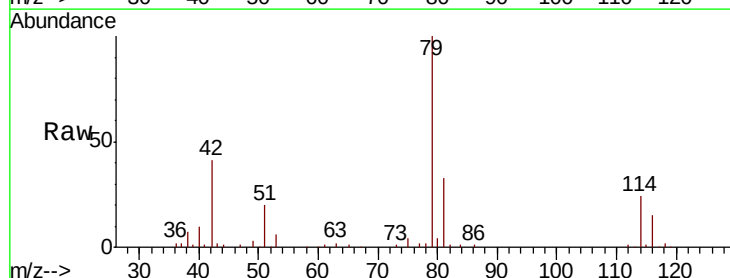
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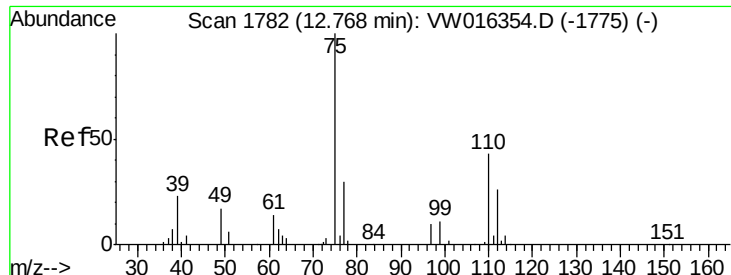
Tot Ion: 63 Resp: 10461
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#42
 cis-1,3-Dichloropropene
 Concen: 0.440 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016371.D
 Acq: 26 Aug 2020 16:46

Tgt Ion: 75 Resp: 2751
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.151 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016371.D

Acq: 26 Aug 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

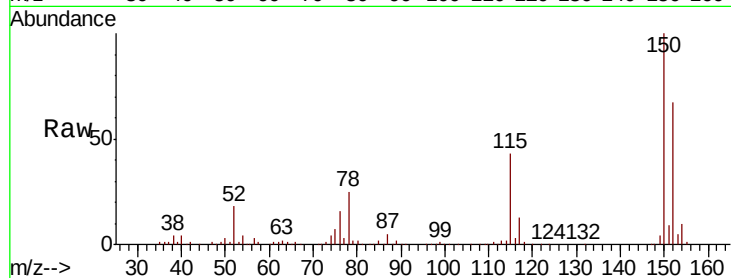
BFWR2

Tot Ion: 75 Resp: 14042

Ion Ratio Lower Upper

75 100

77 38.3 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

