

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016361.D
 Acq On : 26 Aug 2020 12:50
 Operator : SY/VA
 Sample : L3807-06
 Misc : 6.26G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWR1

Quant Time: Aug 27 02:43:03 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	286494	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40587	13.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.08%
7) Chloroethane-d5	2.89	69	38442	16.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.24%
10) 1,1-Dichloroethene-d2	4.02	63	76526	10.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.12%#
20) 2-Butanone-d5	7.08	46	33818	38.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.74%
24) Chloroform-d	7.65	84	152240	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	8.31	65	77623	20.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.68%
29) Benzene-d6	8.27	84	259420	17.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.04%
33) 1,2-Dichloropropane-d6	9.27	67	81763	19.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.80%
37) Toluene-d8	10.32	98	226391	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.80%
38) trans-1,3-Dichloropropene-	10.58	79	35405	17.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.60%
39) 2-Hexanone-d5	10.93	63	28515	43.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71720	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	97781	21.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.04%

Target Compounds

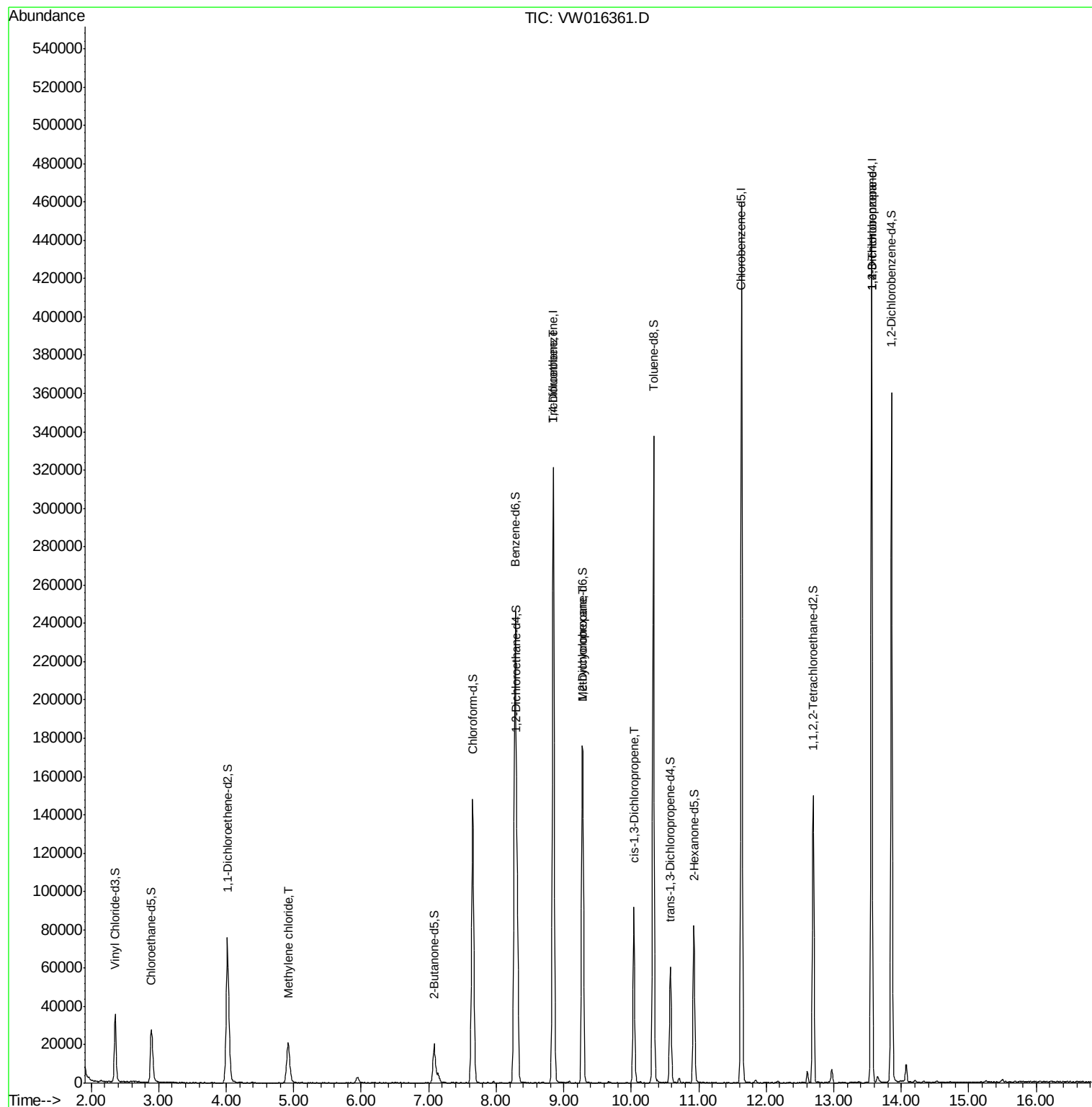
					Ovalue
16) Methylene chloride	4.92	84	18457	3.485 ug/L	97
35) Trichloroethene	8.85	95	9075	2.106 ug/L #	4
36) Methylcyclohexane	9.28	83	22466	3.194 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	2336	0.399 ug/L #	42
59) 1,2,3-Trichloropropane	13.56	75	13045	5.109 ug/L	93

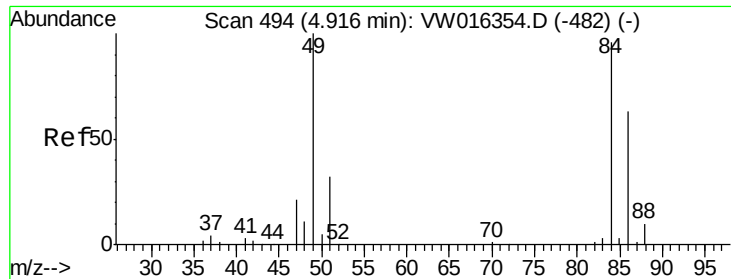
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 27 02:40:32 2020
Response via : Initial Calibration

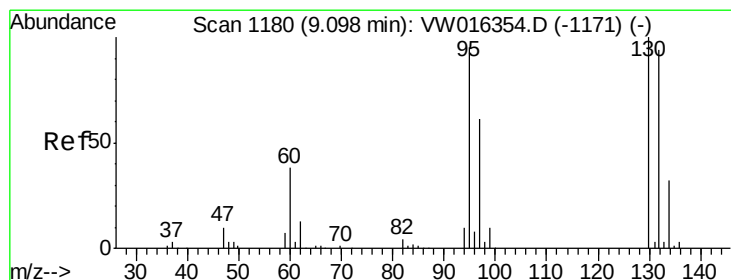
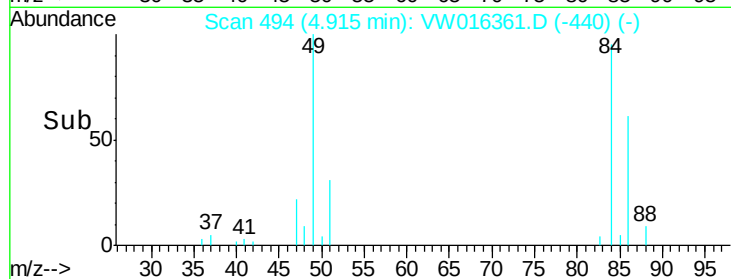
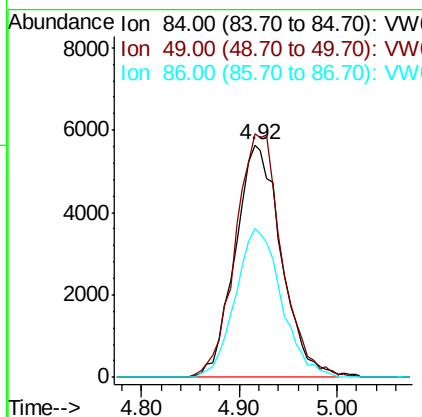
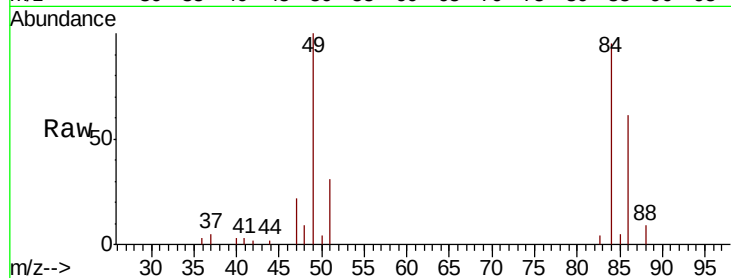




#16
Methvlene chloride
Concen: 3.485 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016361.D
Acq: 26 Aug 2020 12:50

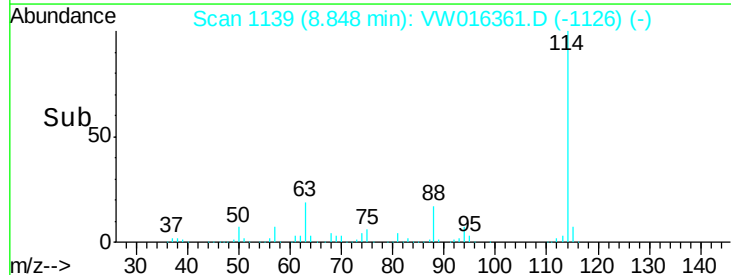
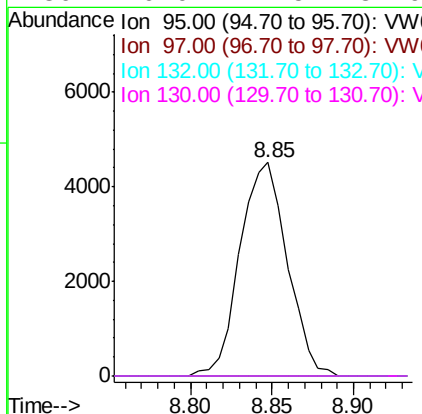
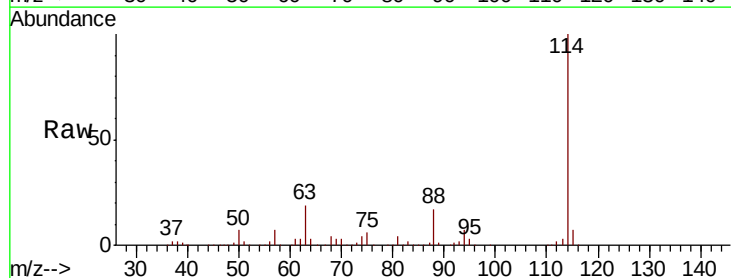
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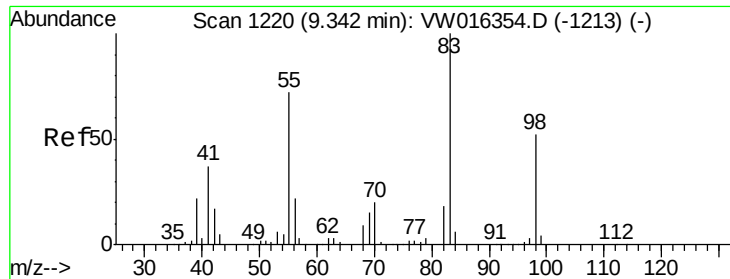
Tot Ion: 84 Resp: 18457
Ion Ratio Lower Upper
84 100
49 104.8 75.3 139.9
86 64.2 43.3 80.3



#35
Trichloroethene
Concen: 2.106 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016361.D
Acq: 26 Aug 2020 12:50

Tgt Ion: 95 Resp: 9075
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#

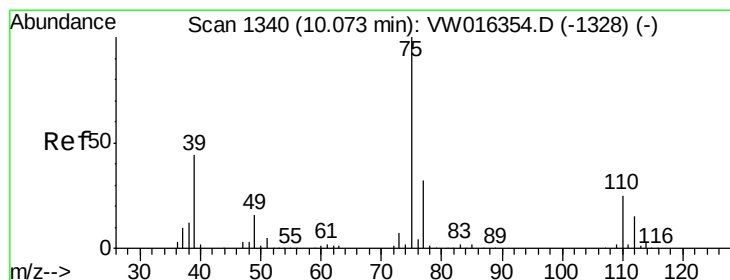
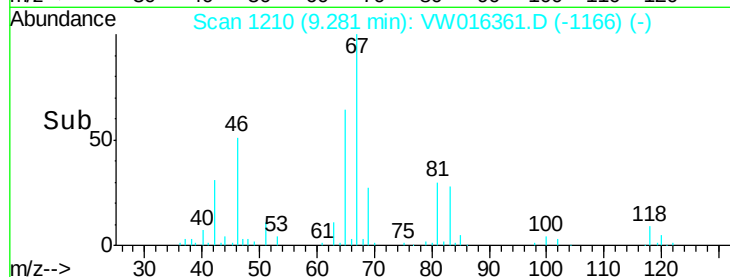
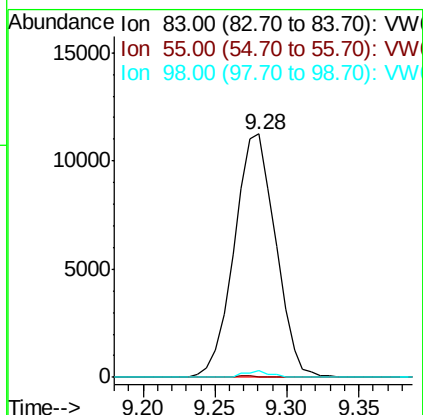
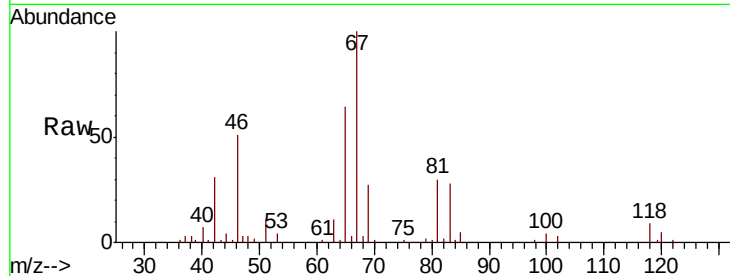




#36
Methylcyclohexane
Concen: 3.194 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016361.D
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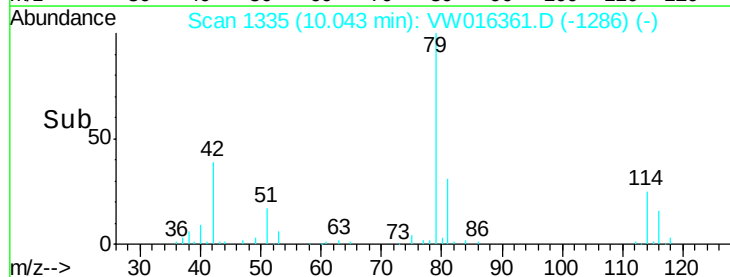
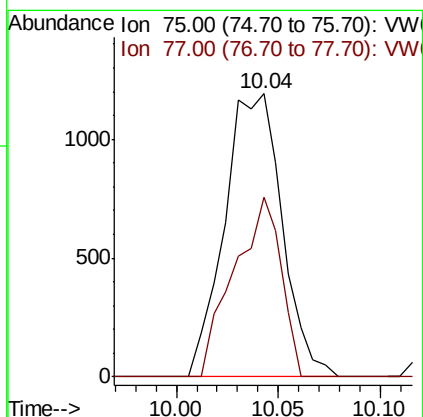
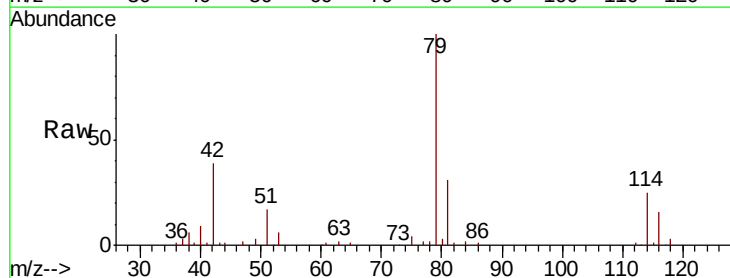
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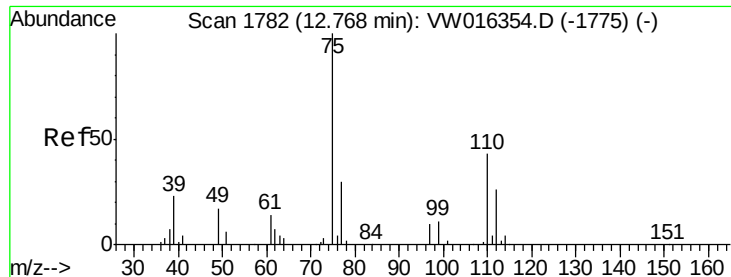
Tot Ion: 83 Resp: 22466
Ion Ratio Lower Upper
83 100
55 0.3 55.6 83.4#
98 1.6 40.6 61.0#



#42
cis-1,3-Dichloropropene
Concen: 0.399 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016361.D
Acq: 26 Aug 2020 12:50

Tgt Ion: 75 Resp: 2336
Ion Ratio Lower Upper
75 100
77 63.4 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.109 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016361.D

Acq: 26 Aug 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

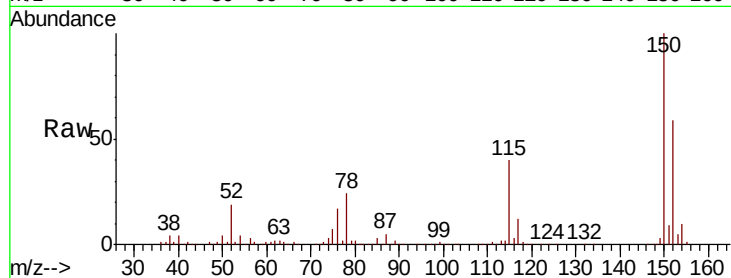
BFWR1

Tot Ion: 75 Resp: 13045

Ion Ratio Lower Upper

75 100

77 37.6 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

