

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
 Data File : VV010096.D
 Acq On : 03 Apr 2019 16:44
 Operator : SY/MD
 Sample : K2215-10
 Misc : 5.16G/10mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2N9

Quant Time: Apr 04 06:06:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	225824	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97050	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56277	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
7) Chloroethane-d5	1.58	69	73857	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
10) 1,1-Dichloroethene-d2	2.13	63	117796	15.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.80%
20) 2-Butanone-d5	3.95	46	33964	39.48	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.96%
24) Chloroform-d	4.40	84	128928	22.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.08	65	76861	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	5.10	84	262091	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	6.12	67	80708	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
37) Toluene-d8	7.36	98	237646	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	7.67	79	23347	16.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.56%
39) 2-Hexanone-d5	8.14	63	21575	33.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68729	21.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	91641	24.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.96%

Target Compounds

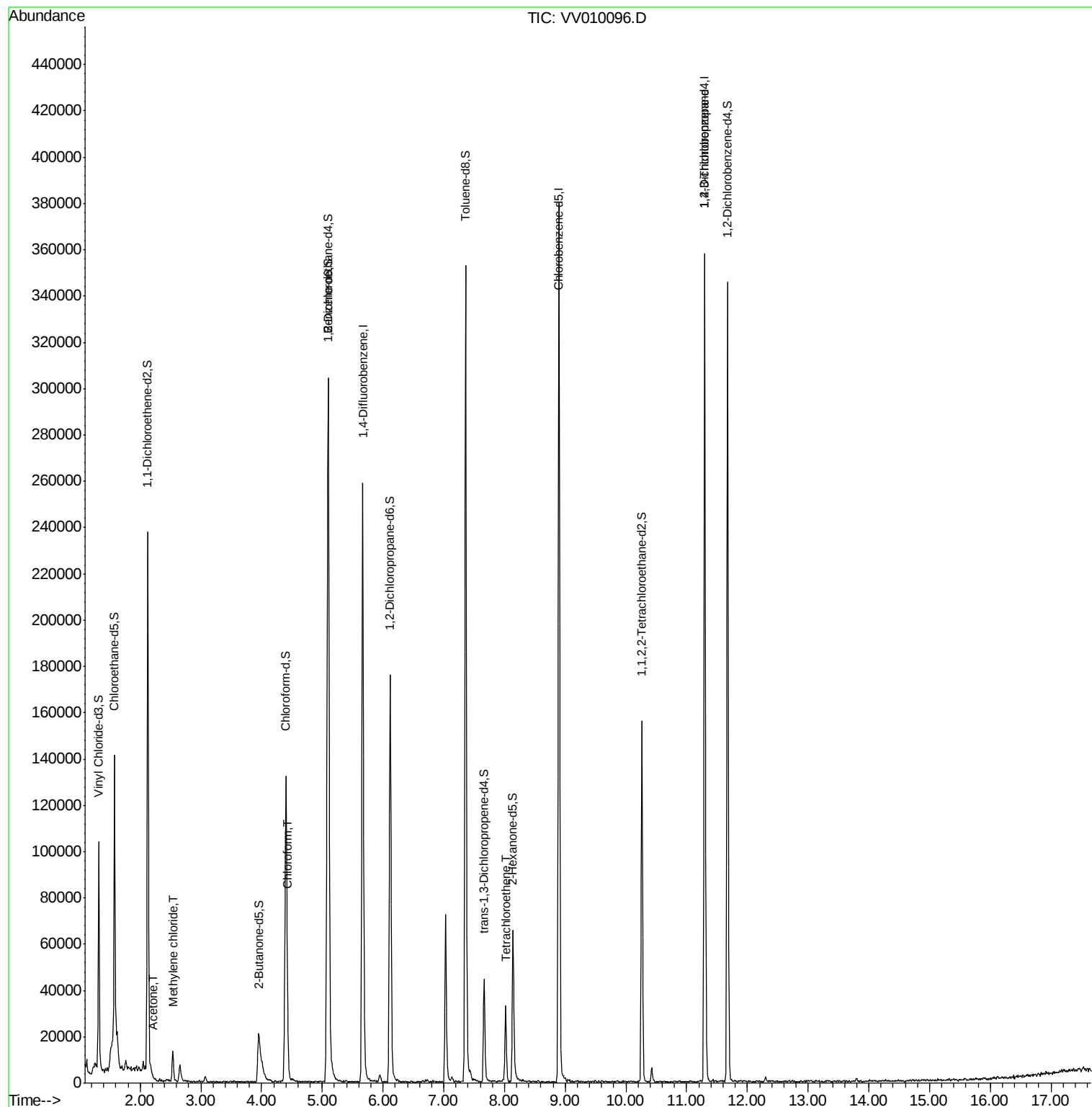
					Qvalue
13) Acetone	2.21	43	1122	1.319 ug/L	88
16) Methylene chloride	2.54	84	5565	1.403 ug/L	94
25) Chloroform	4.43	83	2144	0.418 ug/L	78
47) Tetrachloroethene	8.02	164	6656	2.674 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	12169	5.709 ug/L	91

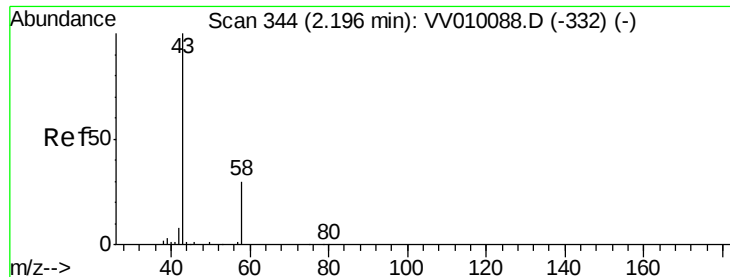
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010096.D
Acq On : 03 Apr 2019 16:44
Operator : SY/MD
Sample : K2215-10
Misc : 5.16G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2N9

Quant Time: Apr 04 06:06:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.319 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV010096.D

Acq: 03 Apr 2019 16:44

Instrument :

MSVOA_V

ClientSampled :

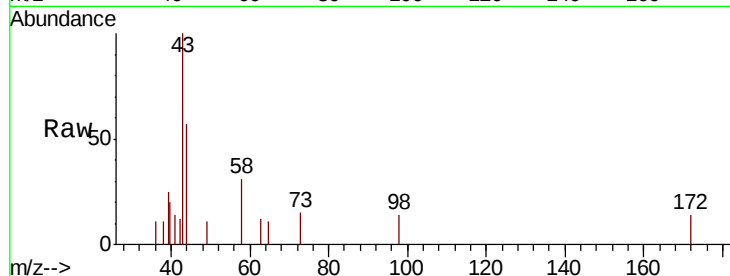
BF2N9

Tgt Ion: 43 Resp: 1122

Ion Ratio Lower Upper

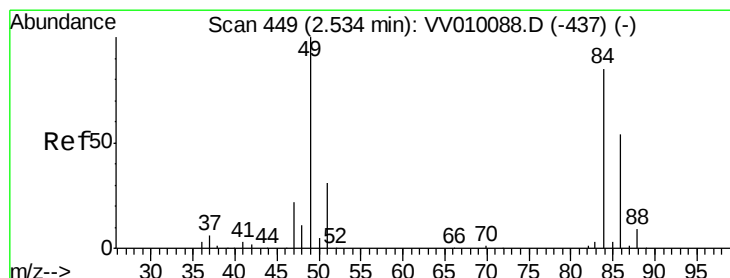
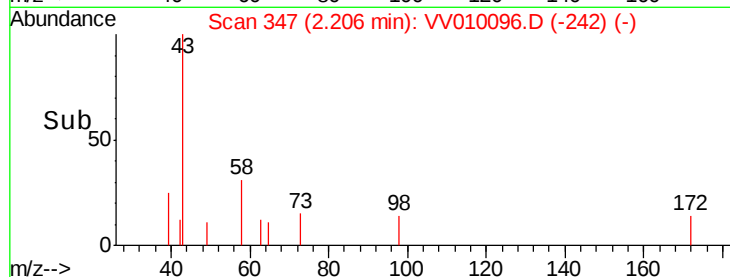
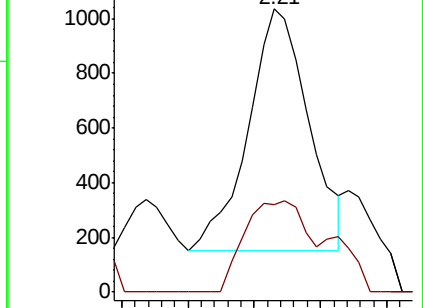
43 100

58 38.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010088.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010088.D (-332) (-)



#16

Methylene chloride

Concen: 1.403 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010096.D

Acq: 03 Apr 2019 16:44

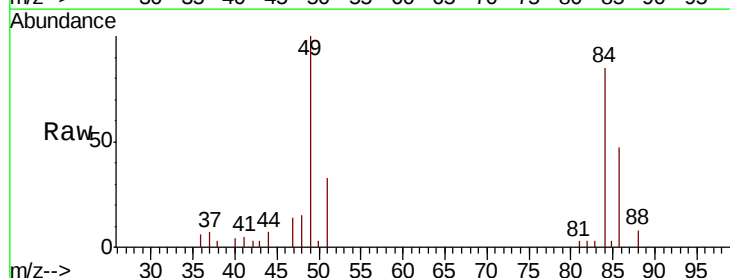
Tgt Ion: 84 Resp: 5565

Ion Ratio Lower Upper

84 100

49 117.3 84.3 156.5

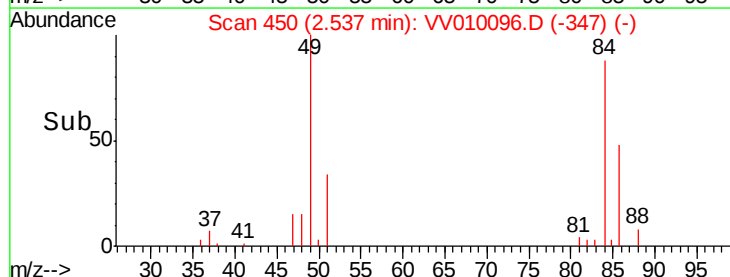
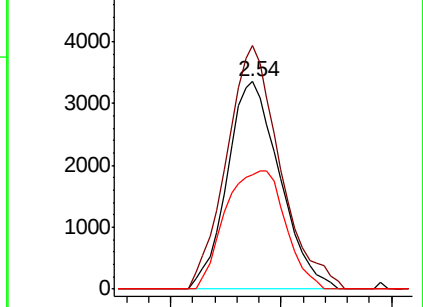
86 54.8 45.4 84.2

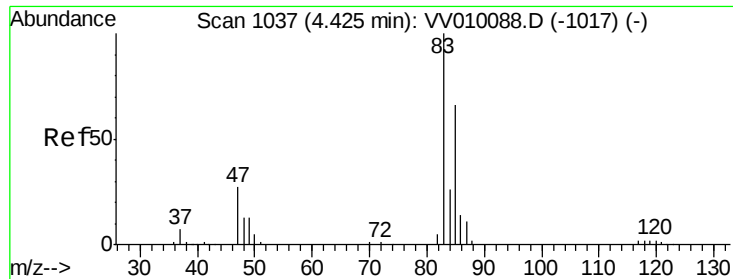


Abundance Ion 84.00 (83.70 to 84.70): VV010088.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010088.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010088.D (-437) (-)

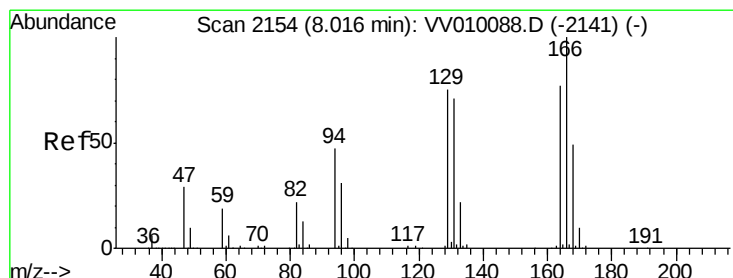
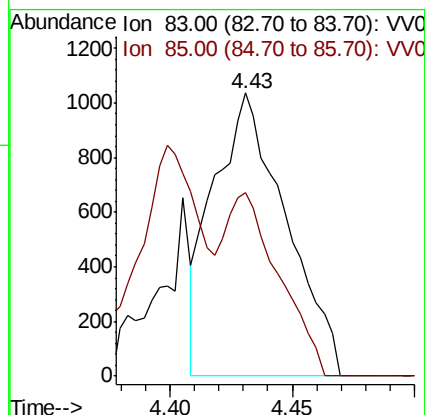
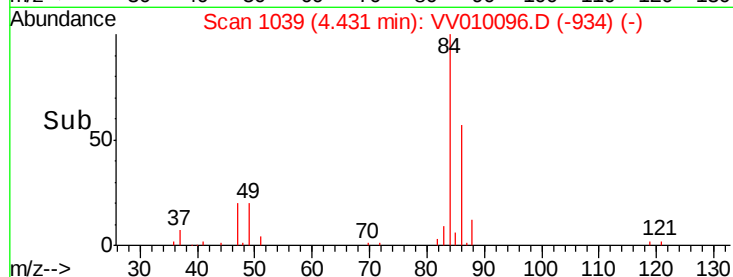
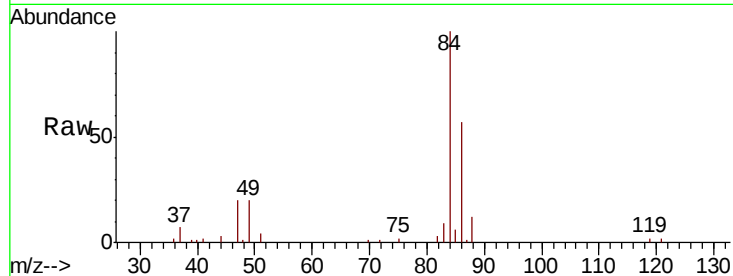




#25
Chloroform
Concen: 0.418 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010096.D
Acq: 03 Apr 2019 16:44

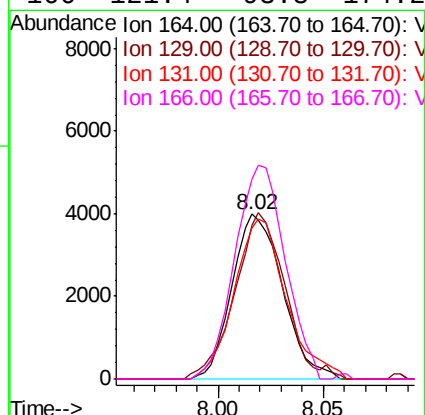
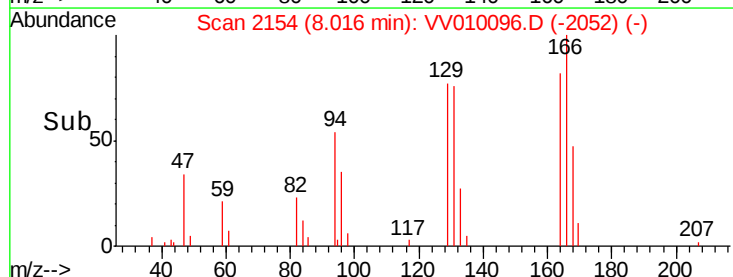
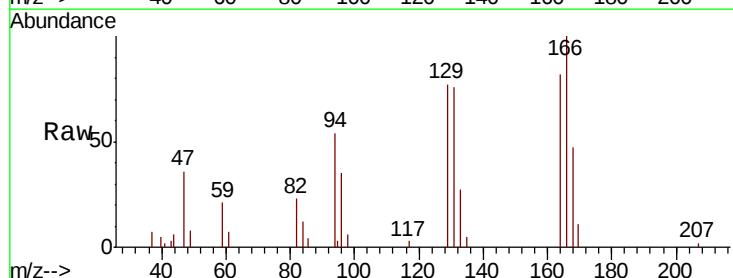
Instrument :
MSVOA_V
ClientSampleId :
BF2N9

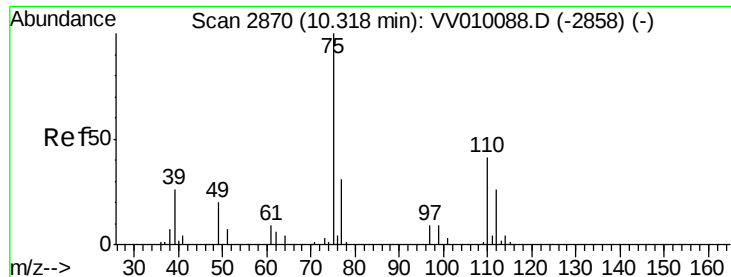
Tgt Ion: 83 Resp: 2144
Ion Ratio Lower Upper
83 100
85 48.9 46.4 86.2



#47
Tetrachloroethene
Concen: 2.674 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010096.D
Acq: 03 Apr 2019 16:44

Tgt Ion: 164 Resp: 6656
Ion Ratio Lower Upper
164 100
129 93.6 67.8 125.8
131 91.7 65.2 121.0
166 121.4 93.8 174.2





#59

1,2,3-Trichloropropane

Concen: 5.709 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010096.D

Acq: 03 Apr 2019 16:44

Instrument :

MSVOA_V

ClientSampleId :

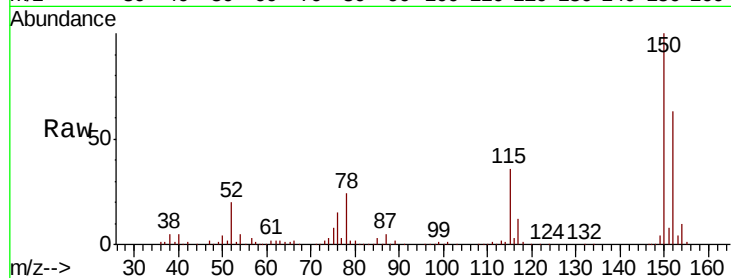
BF2N9

Tgt Ion: 75 Resp: 12169

Ion Ratio Lower Upper

75 100

77 37.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

