

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019169.D
 Acq On : 30 Oct 2020 01:09
 Operator : SY/MD
 Sample : L4502-19ME 40X
 Misc : 6.01µl/5.0ml/100µl/5.0ml/MSVOA-V/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG442ME

Quant Time: Oct 30 05:47:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225385	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	218572	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	105570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80182	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.54%
7) Chloroethane-d5	1.58	69	65366	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.96%
11) 1,1-Dichloroethene-d2	2.12	63	117180	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	3.91	46	112028	102.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.12%
24) Chloroform-d	4.38	84	162640	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.06	65	118516	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
32) Benzene-d6	5.07	84	303434	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.09	67	92684	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.34	98	272177	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.64	79	50502	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.42%
47) 2-Hexanone-d5	8.11	63	81110	101.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.31%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	123077	49.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	115308	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%

Target Compounds

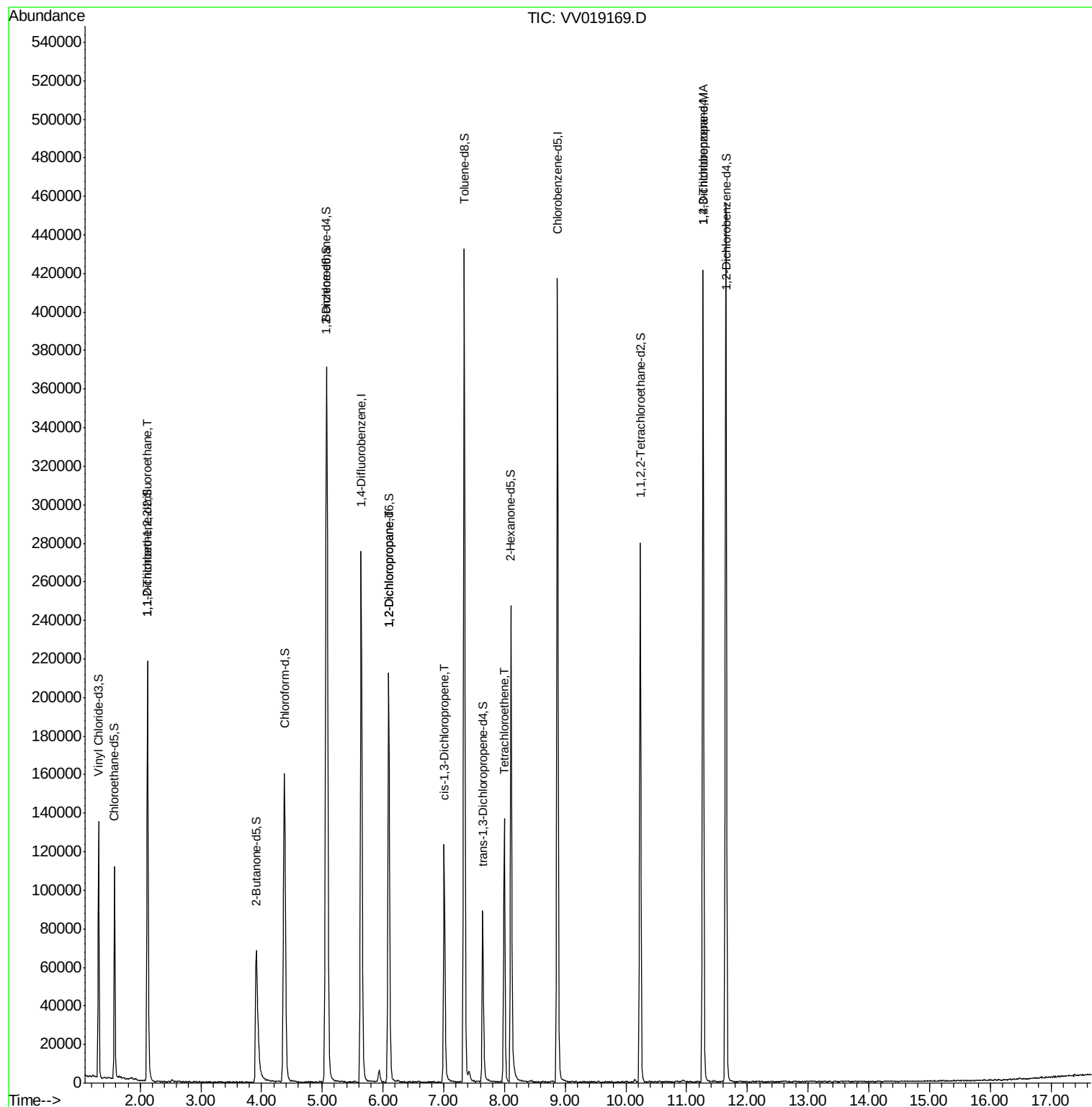
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1130	0.766 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12294	7.855 ug/L #	85
39) cis-1,3-Dichloropropene	7.00	75	3405	1.317 ug/L #	75
46) Tetrachloroethene	8.00	164	30637	20.782 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	11332	5.539 ug/L	90

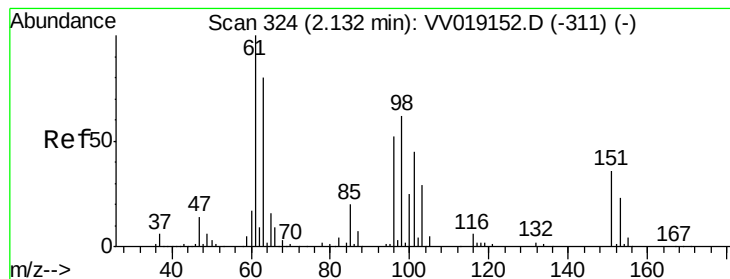
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.766 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019169.D

Acq: 30 Oct 2020 01:09

Instrument :

MSVOA_V

ClientSampleId :

BG442ME

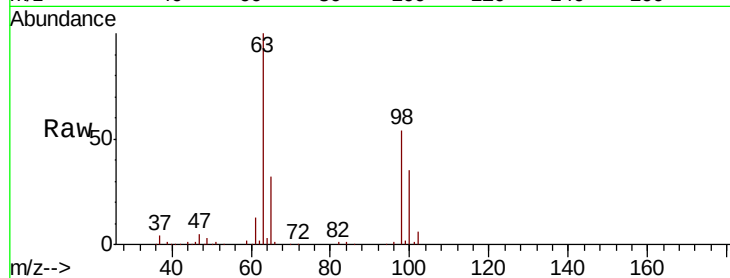
Tot Ion:101 Resp: 1130

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

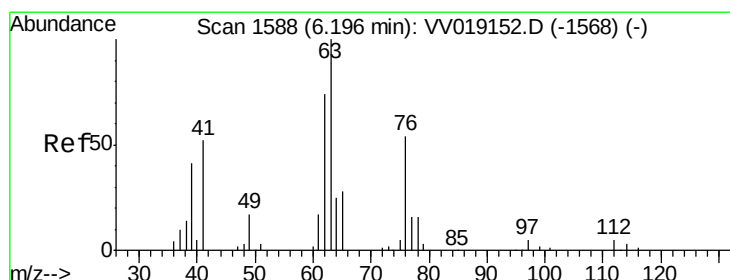
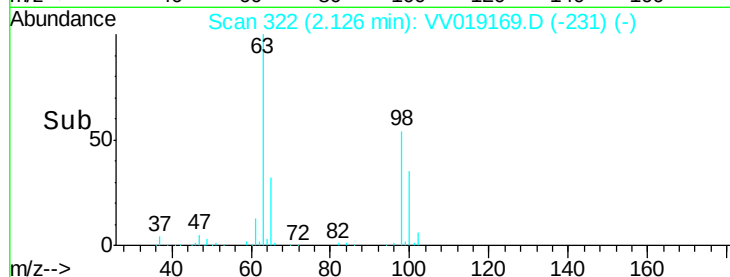
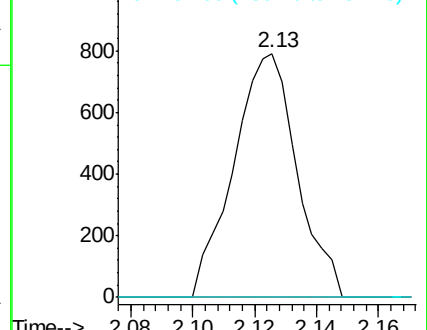
151 0.0 65.0 97.4#



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



#37

1,2-Dichloropropane

Concen: 7.855 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV019169.D

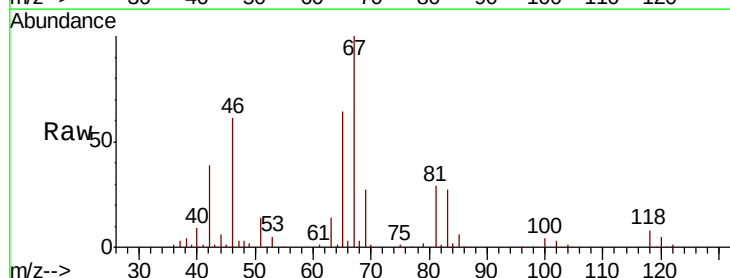
Acq: 30 Oct 2020 01:09

Tgt Ion: 63 Resp: 12294

Ion Ratio Lower Upper

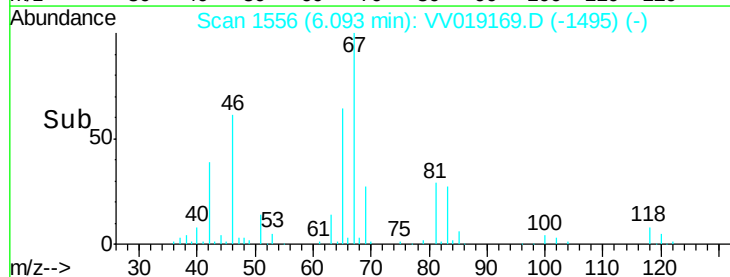
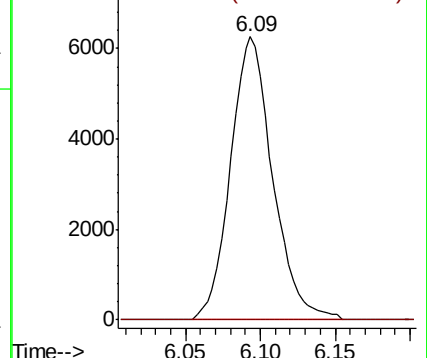
63 100

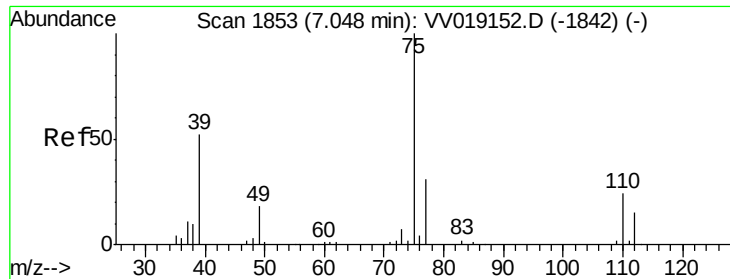
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

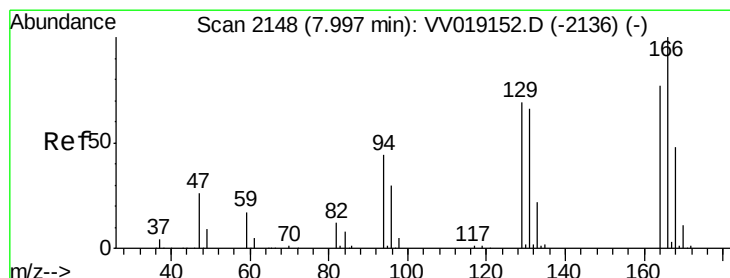
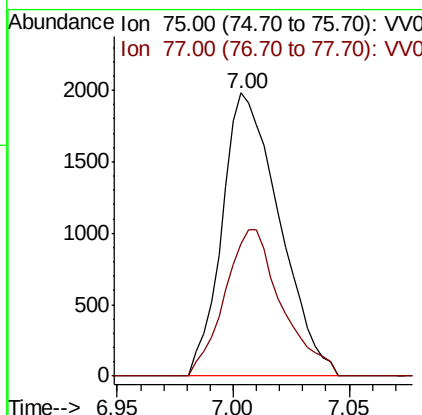
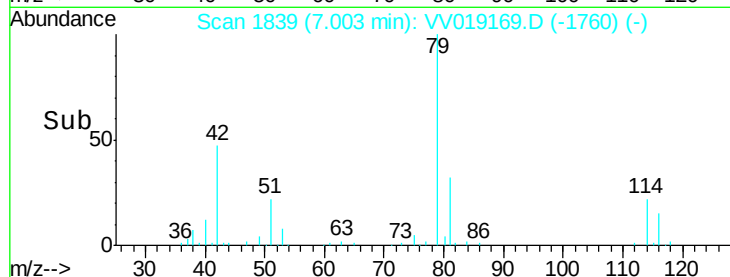
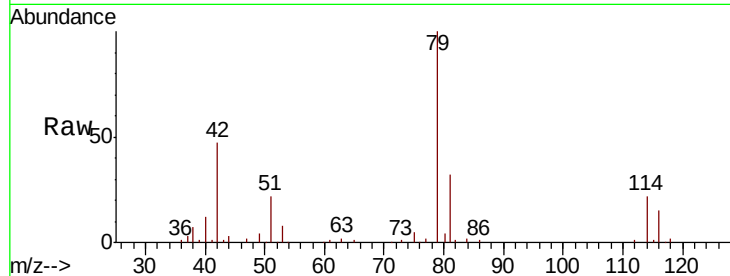




#39
 cis-1,3-Dichloropropene
 Concen: 1.317 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV019169.D
 Acq: 30 Oct 2020 01:09

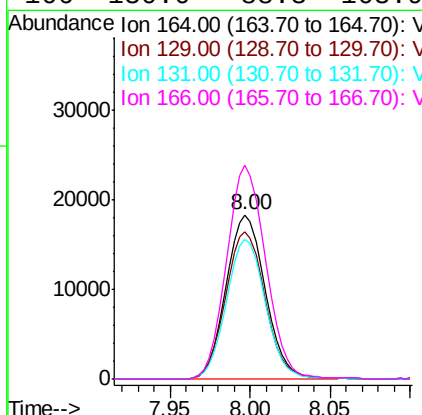
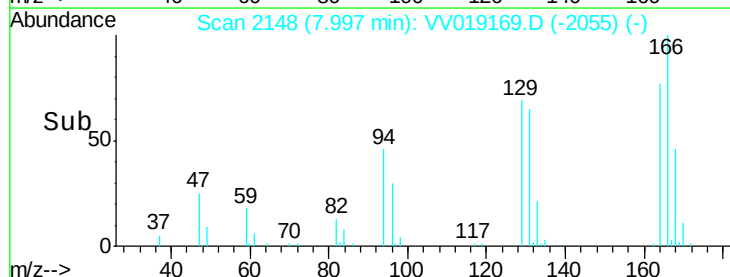
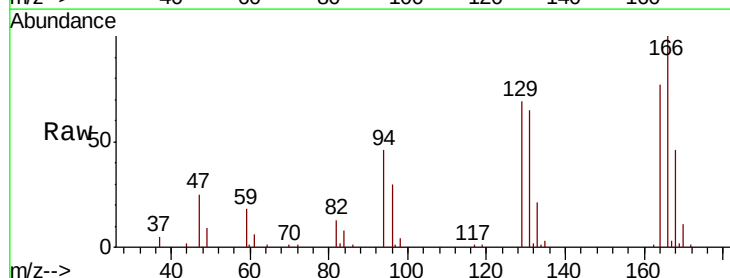
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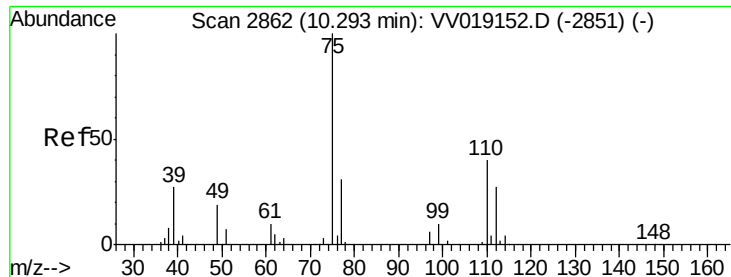
Tot Ion: 75 Resp: 3405
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.7 42.1#



#46
 Tetrachloroethene
 Concen: 20.782 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV019169.D
 Acq: 30 Oct 2020 01:09

Tgt Ion: 164 Resp: 30637
 Ion Ratio Lower Upper
 164 100
 129 89.2 63.2 117.4
 131 85.1 60.3 112.1
 166 130.0 88.3 163.9





#59

1,2,3-Trichloropropane

Concen: 5.539 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019169.D

Acq: 30 Oct 2020 01:09

Instrument :

MSVOA_V

ClientSampleId :

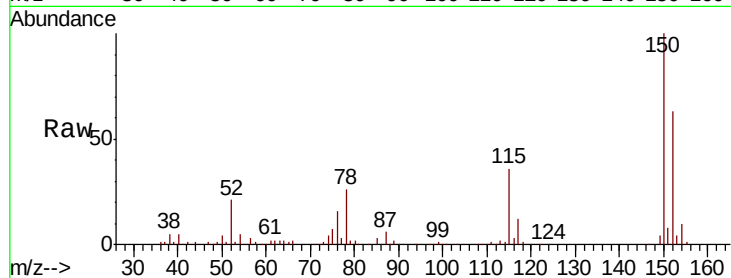
BG442ME

Tot Ion: 75 Resp: 11332

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

