

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019930.D
 Acq On : 07 Jan 2021 18:35
 Operator : SY/MD
 Sample : M1017-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X1

Quant Time: Jan 08 01:34:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	460704	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	441857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	204466	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	108938	30.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.12%
7) Chloroethane-d5	1.57	69	110100	38.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.70%
11) 1,1-Dichloroethene-d2	2.11	63	182784	27.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.24%#
21) 2-Butanone-d5	3.88	46	268989	101.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.80%
24) Chloroform-d	4.35	84	276346	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.06%
26) 1,2-Dichloroethane-d4	5.04	65	197891	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
32) Benzene-d6	5.05	84	494088	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
36) 1,2-Dichloropropane-d6	6.07	67	177660	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.92%
41) Toluene-d8	7.32	98	408983	36.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.22%#
43) trans-1,3-Dichloropropene-	7.63	79	71447	34.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.70%
47) 2-Hexanone-d5	8.09	63	146364	84.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.65%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	244513	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.63	152	177609	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%

Target Compounds

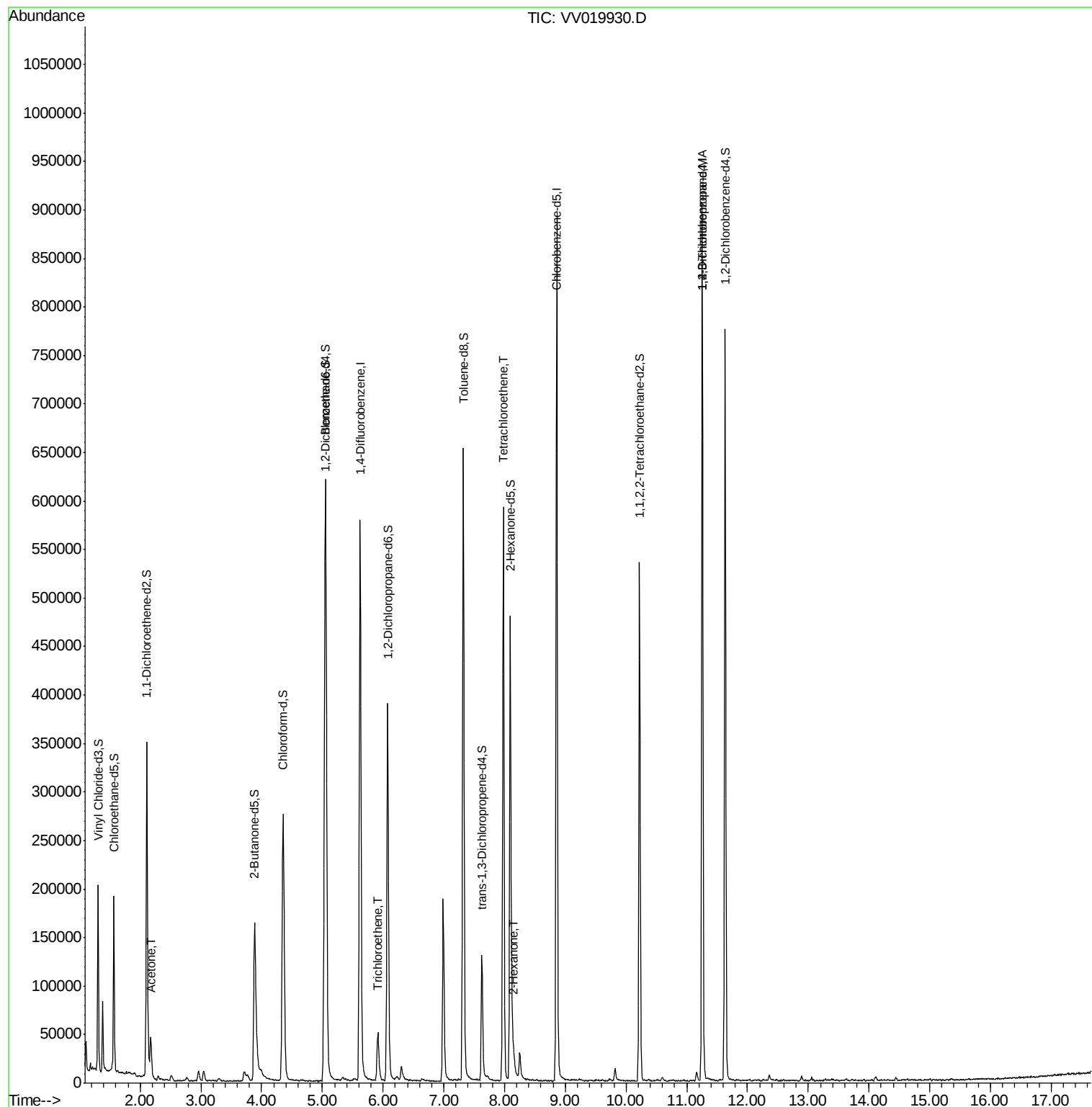
					Ovalue
13) Acetone	2.17	43	52452	25.641	ug/L 99
34) Trichloroethene	5.93	95	6880	1.866	ug/L 97
46) Tetrachloroethene	7.98	164	113865	46.245	ug/L 98
48) 2-Hexanone	8.15	43	14009	3.242	ug/L # 85
59) 1,2,3-Trichloropropane	11.25	75	30484	6.425	ug/L 92

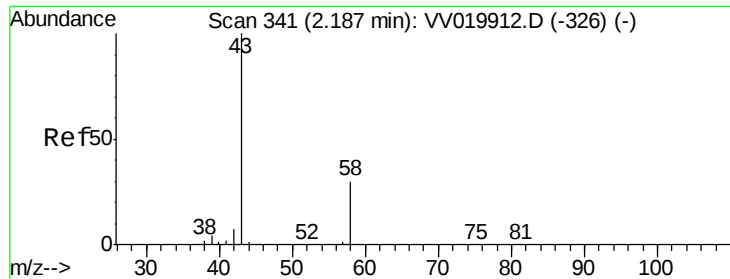
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 25.641 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.01 min

Lab File: VV019930.D

Acq: 07 Jan 2021 18:35

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MSVOA_V

ClientSampleId :

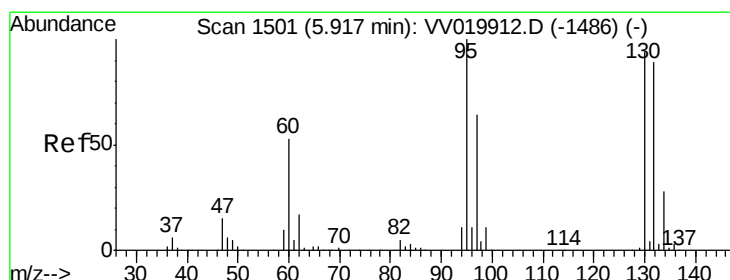
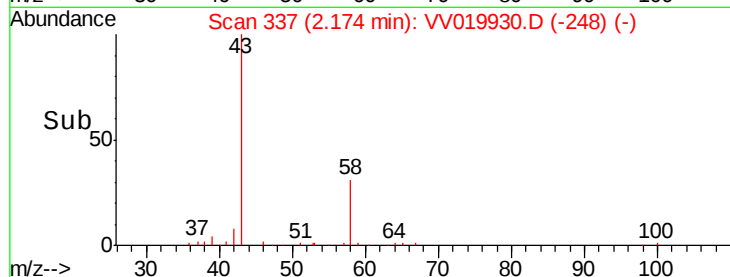
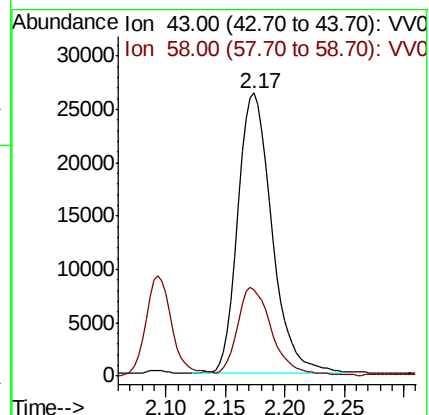
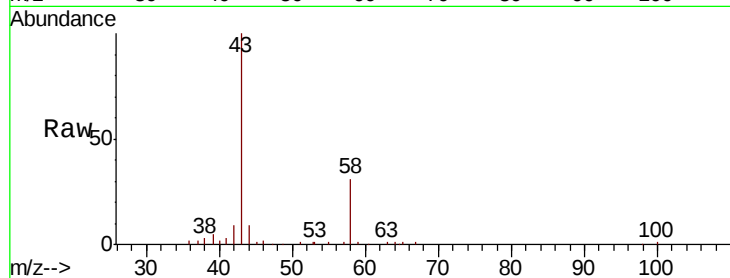
BG4X1

Tot Ion: 43 Resp: 52452

Ion Ratio Lower Upper

43 100

58 29.4 0.0 60.2



#34

Trichloroethene

Concen: 1.866 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019930.D

Acq: 07 Jan 2021 18:35

Tgt Ion: 95 Resp: 6880

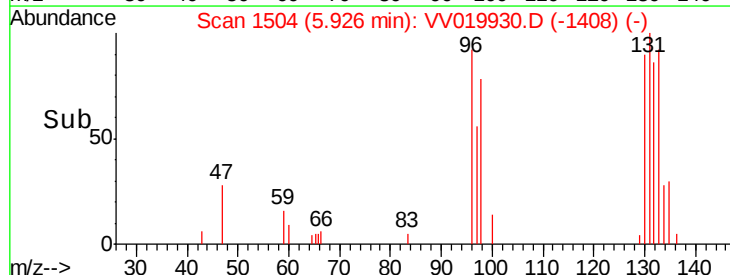
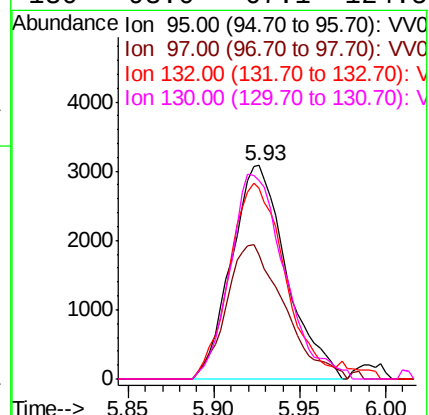
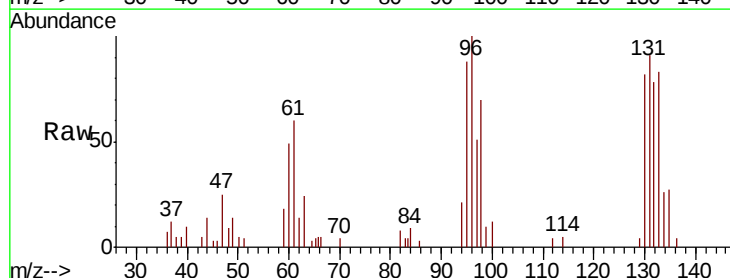
Ion Ratio Lower Upper

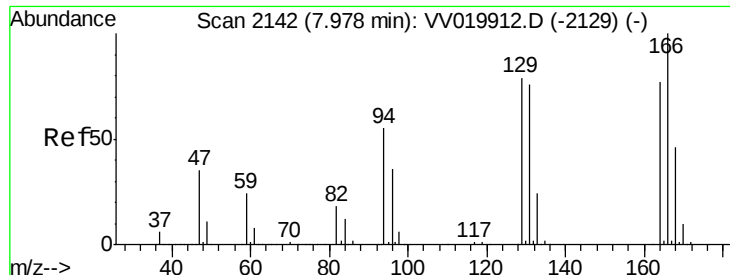
95 100

97 58.1 44.5 82.7

132 89.3 63.4 117.8

130 93.0 67.1 124.5





#46

Tetrachloroethene

Concen: 46.245 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019930.D

Acq: 07 Jan 2021 18:35

Instrument :

MSVOA_V

ClientSampleId :

BG4X1

Tot Ion:164 Resp: 113865

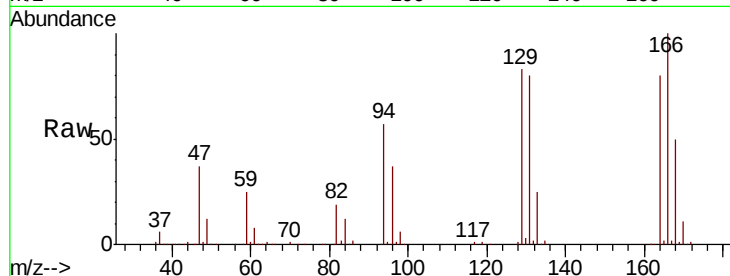
Ion Ratio Lower Upper

164 100

129 102.8 70.6 131.0

131 99.7 66.8 124.0

166 124.6 88.2 163.8

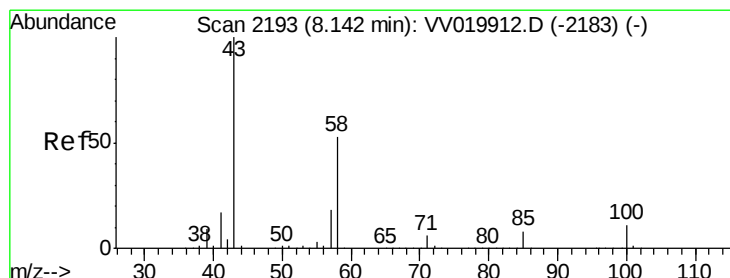
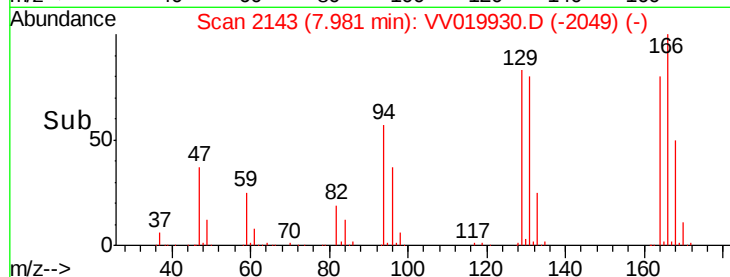
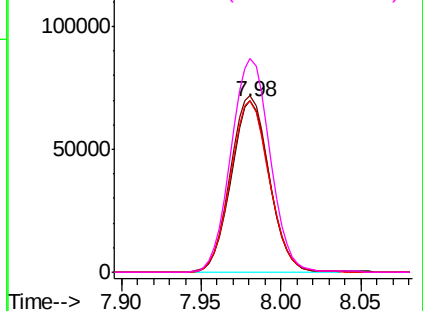


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 3.242 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019930.D

Acq: 07 Jan 2021 18:35

Tgt Ion: 43 Resp: 14009

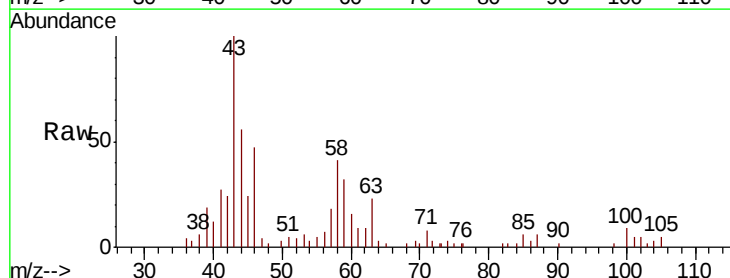
Ion Ratio Lower Upper

43 100

58 47.5 41.8 62.6

57 2.0 15.0 22.4#

100 4.1 8.9 13.3#

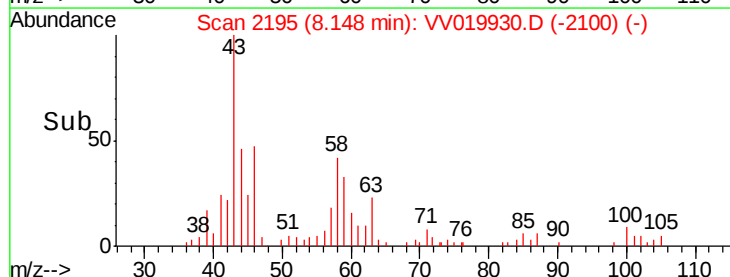
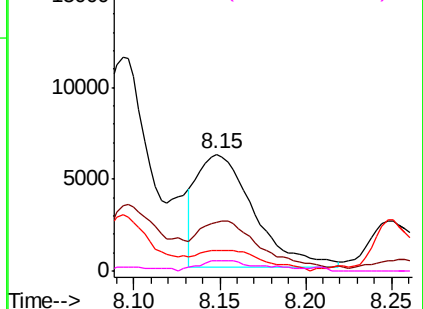


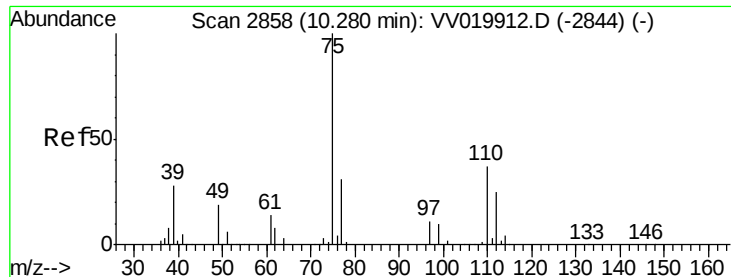
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.425 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019930.D

Acq: 07 Jan 2021 18:35

Instrument :

MSVOA_V

ClientSampleId :

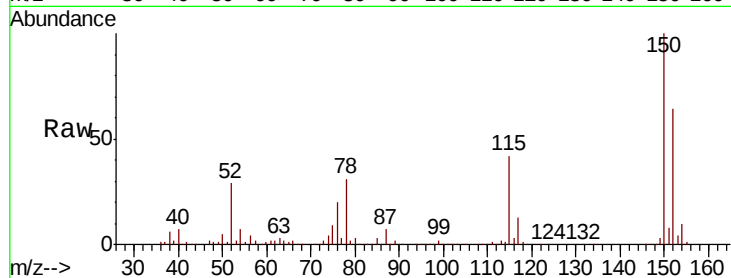
BG4X1

Tot Ion: 75 Resp: 30484

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

