

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018903.D
 Acq On : 14 Oct 2020 19:08
 Operator : SY/MD
 Sample : L4382-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG409

Quant Time: Oct 15 02:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288311	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286816	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133646	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122461	51.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	100317	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.70%
11) 1,1-Dichloroethene-d2	2.12	63	180743	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
21) 2-Butanone-d5	3.91	46	151587	91.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.64%
24) Chloroform-d	4.37	84	218379	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
26) 1,2-Dichloroethane-d4	5.05	65	153301	54.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.32%
32) Benzene-d6	5.07	84	446827	53.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.72%
36) 1,2-Dichloropropane-d6	6.09	67	145882	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.98%
41) Toluene-d8	7.34	98	389270	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%
43) trans-1,3-Dichloropropene-	7.64	79	66653	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.88%
47) 2-Hexanone-d5	8.11	63	80251	80.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.70%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	138580	44.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	153630	56.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

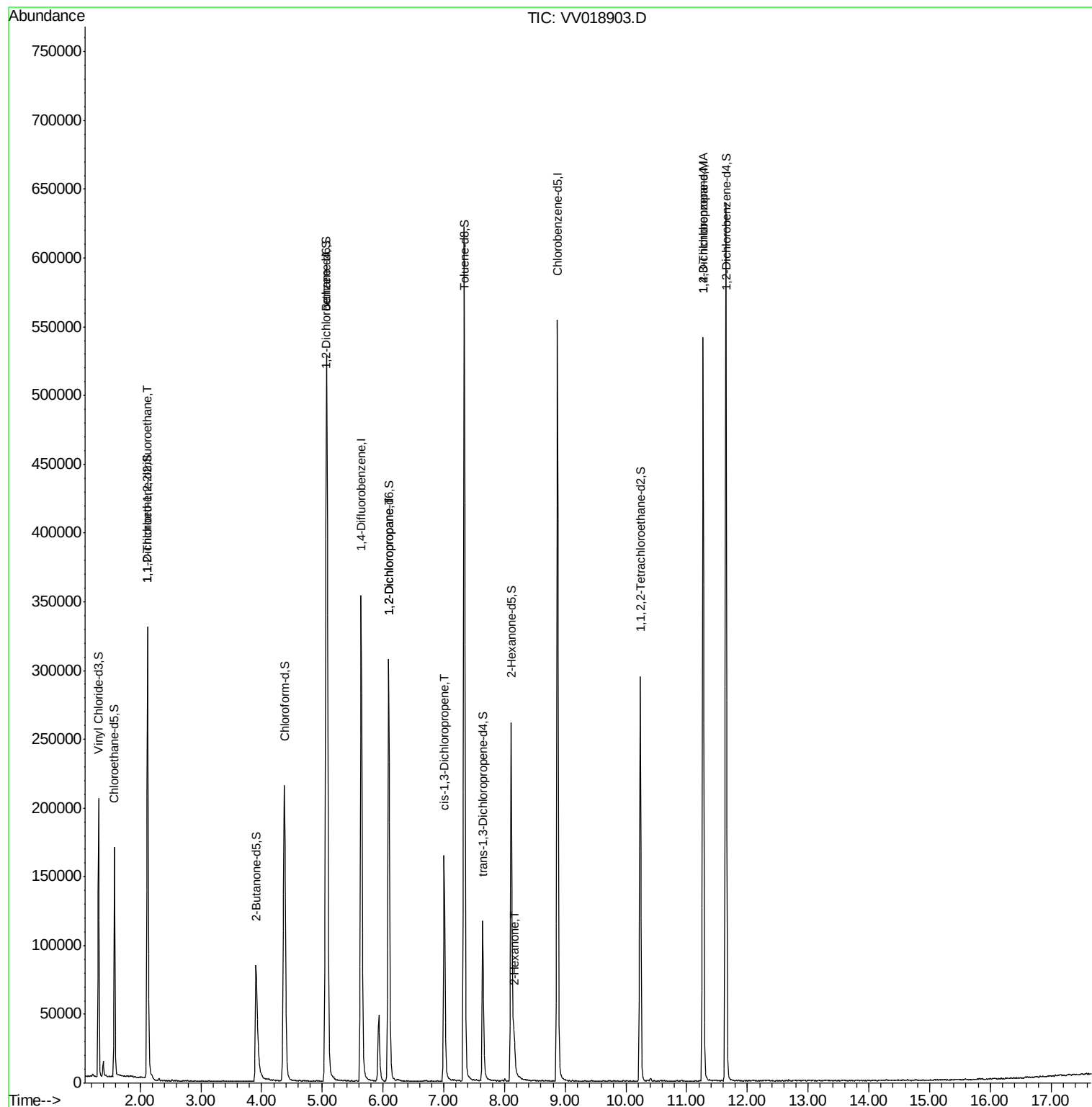
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1615	0.863 ug/L #	20
37) 1,2-Dichloropropane	6.09	63	16137	6.856 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	4220	1.193 ug/L #	66
48) 2-Hexanone	8.16	43	17009	6.609 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	16271	5.711 ug/L	91

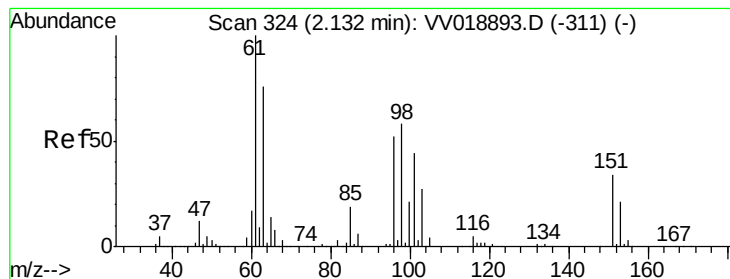
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.863 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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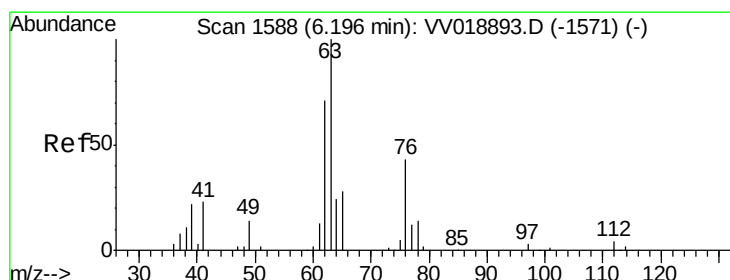
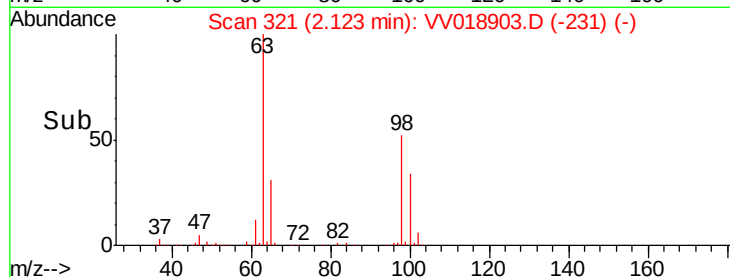
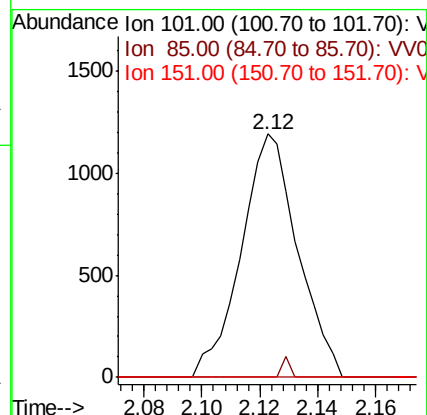
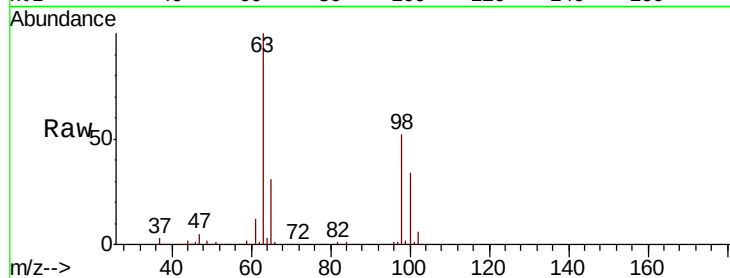
Tot Ion:101 Resp: 1615

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 59.7 89.5#



#37

1,2-Dichloropropane

Concen: 6.856 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018903.D

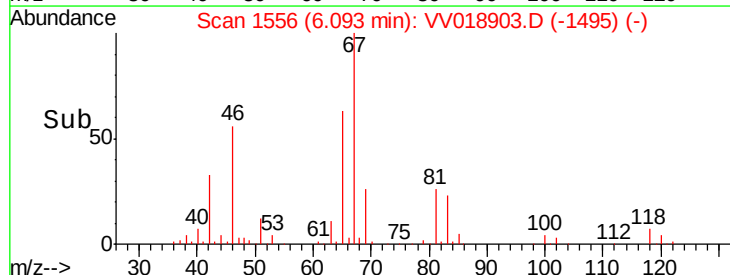
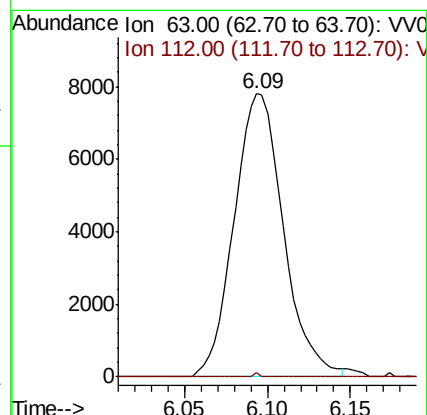
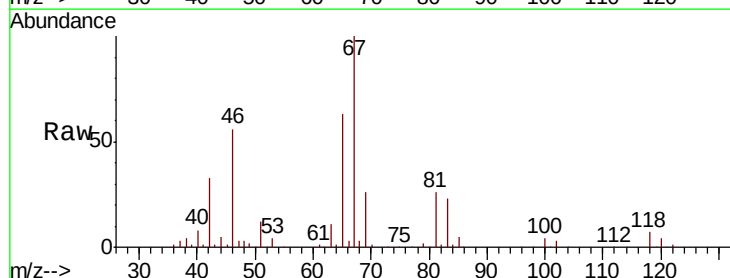
Acq: 14 Oct 2020 19:08

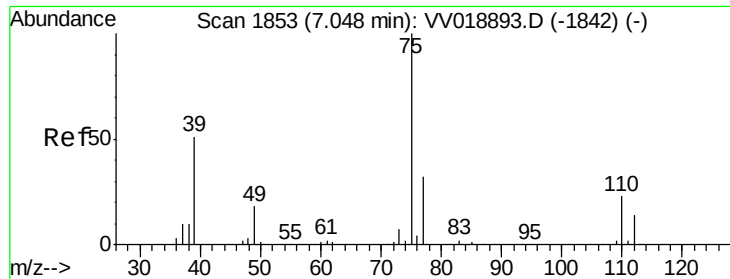
Tgt Ion: 63 Resp: 16137

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

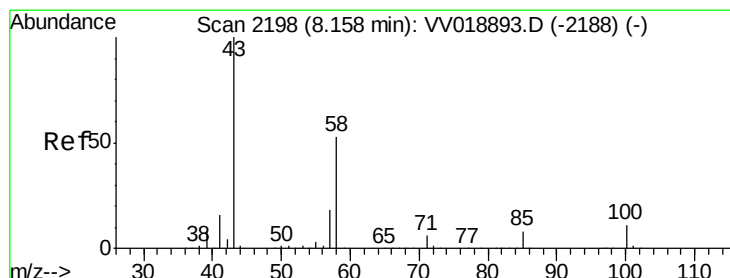
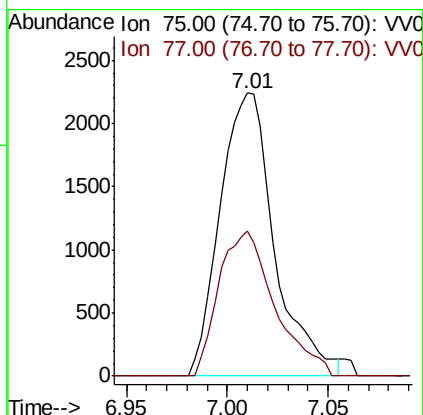
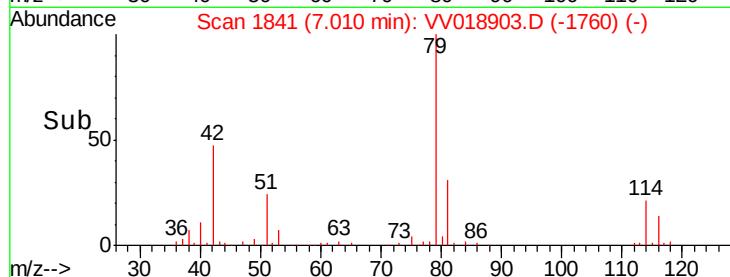
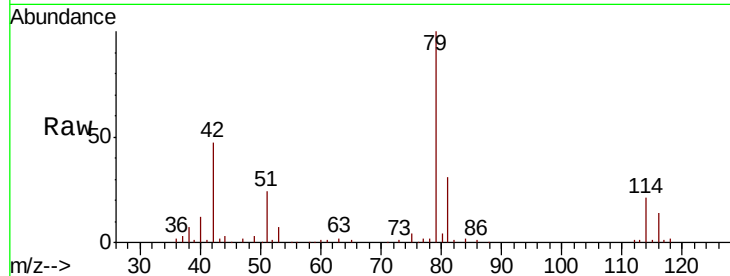




#39
 cis-1,3-Dichloropropene
 Concen: 1.193 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
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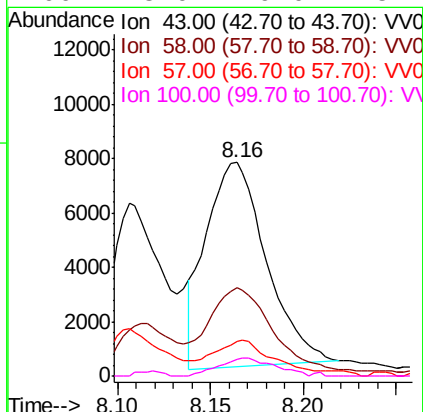
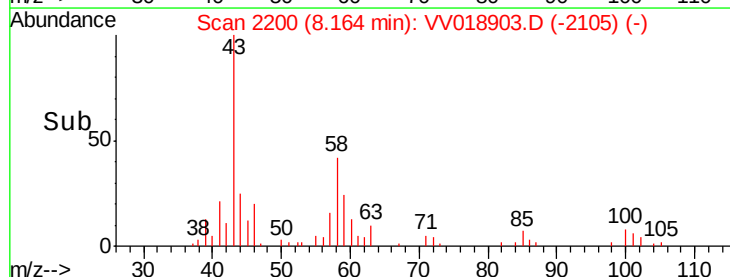
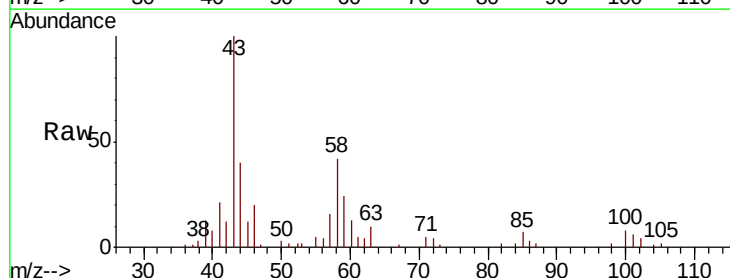
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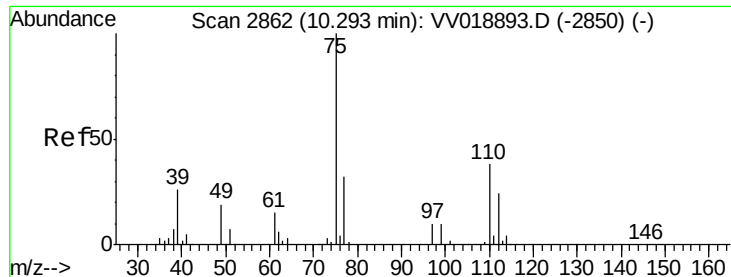
Tot Ion: 75 Resp: 4220
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.5 41.9#



#48
 2-Hexanone
 Concen: 6.609 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018903.D
 Acq: 14 Oct 2020 19:08

Tgt Ion: 43 Resp: 17009
 Ion Ratio Lower Upper
 43 100
 58 43.8 42.5 63.7
 57 13.9 14.5 21.7#
 100 8.0 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.711 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018903.D

Acq: 14 Oct 2020 19:08

Instrument :

MSVOA_V

ClientSampleId :

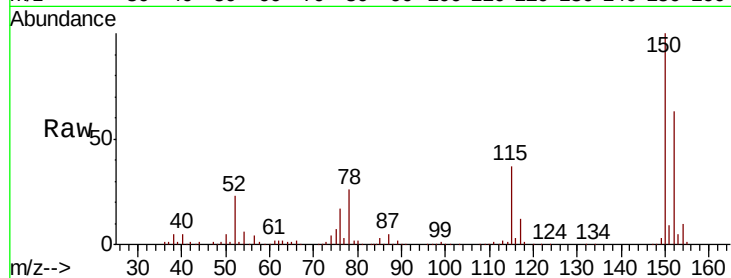
BG409

Tot Ion: 75 Resp: 16271

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

