

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007990.D
 Acq On : 01 Oct 2018 13:03
 Operator : SY/MD
 Sample : VV1001WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 02 02:56:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 02:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93053	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86873	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26209	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.59	69	22280	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.13	63	40256	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.98	46	71848	47.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.76%
24) Chloroform-d	4.41	84	58110	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	30184	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	111505	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.12	67	35067	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.36	98	108336	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.67	79	12327	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.14	63	53081	47.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24243	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	44700	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

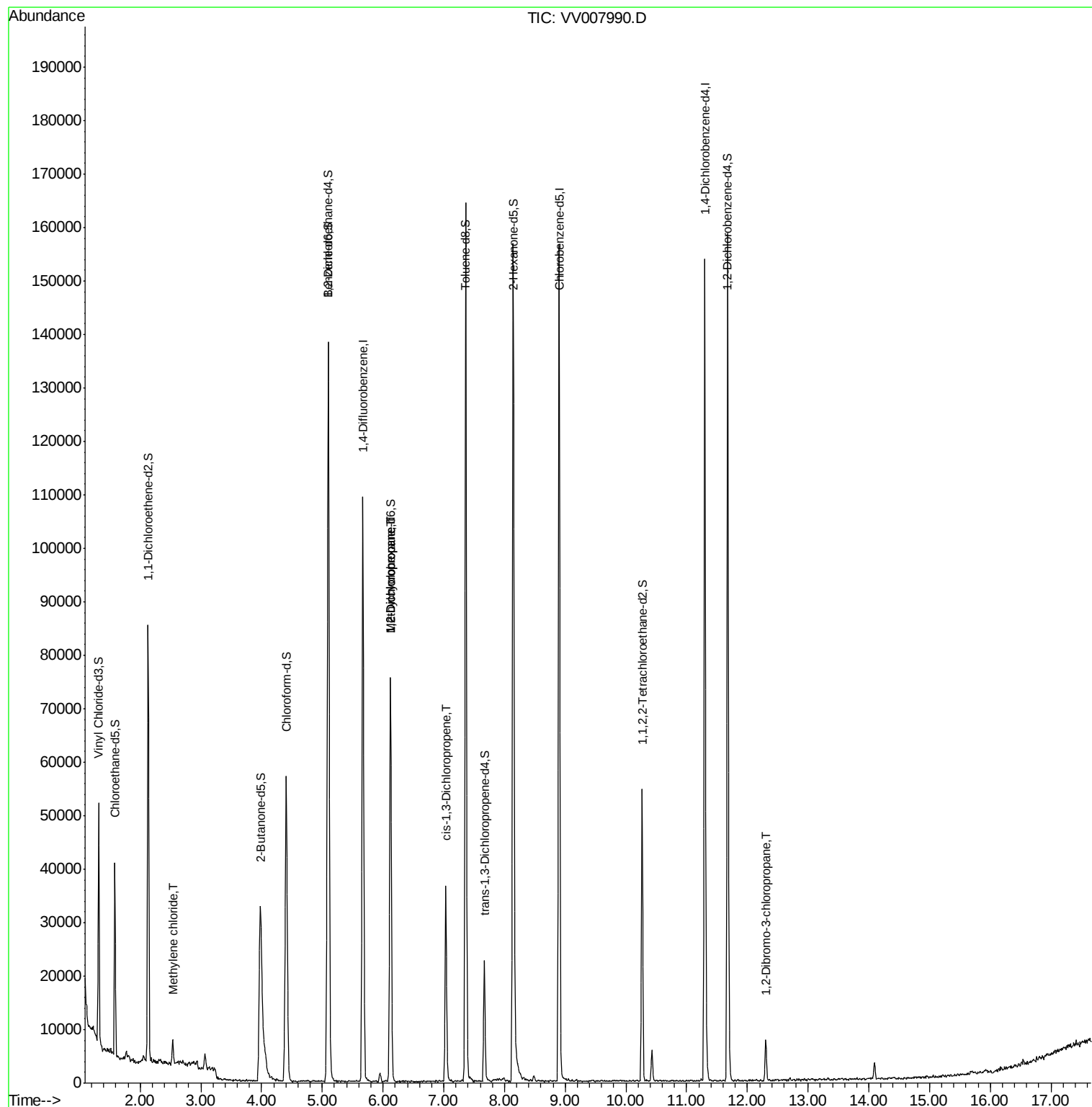
					Ovalue
16) Methylene chloride	2.54	84	1673	0.245 ug/L	85
35) Methylcyclohexane	6.12	83	8401	0.787 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3811	0.600 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	952	0.112 ug/L #	72
66) 1,2-Dibromo-3-chloropropan	12.31	75	210	0.302 ug/L #	1

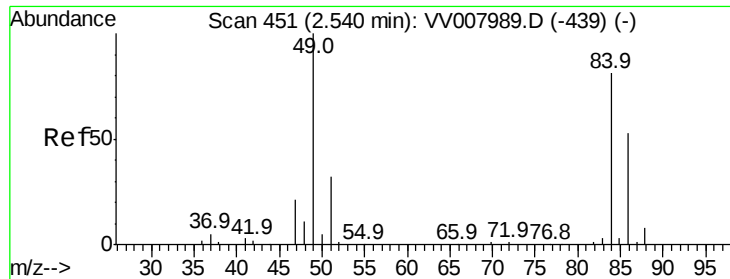
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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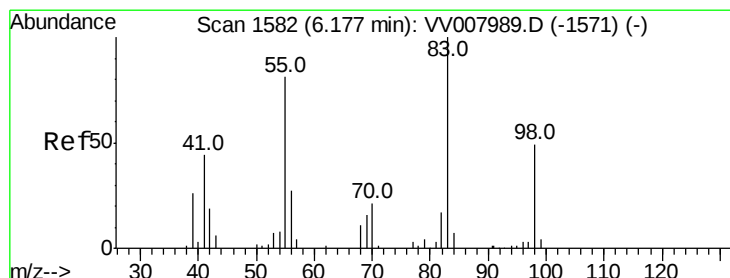
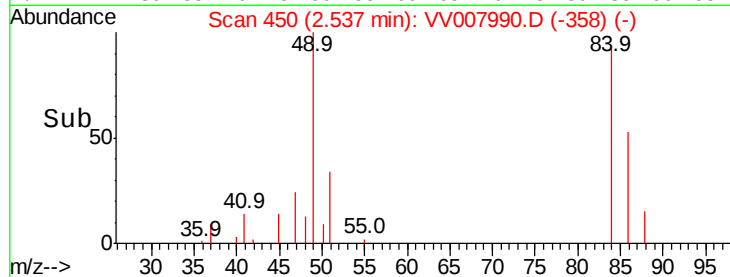
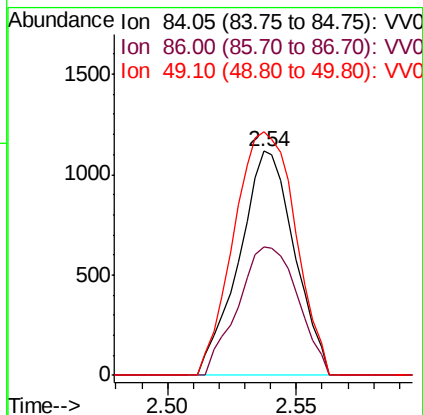
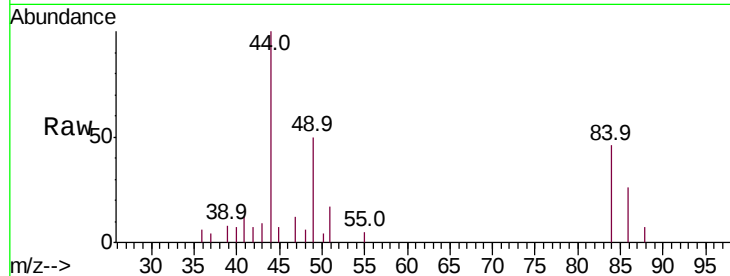




#16
Methvlene chloride
Concen: 0.245 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV007990.D
Acq: 01 Oct 2018 13:03

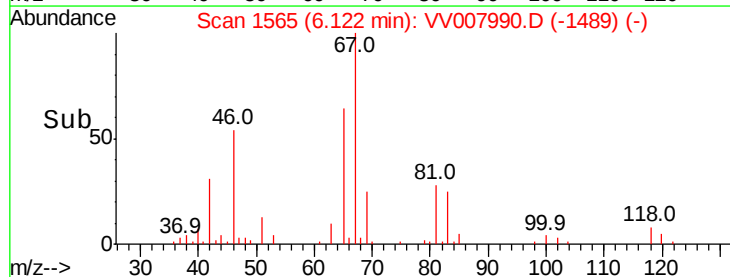
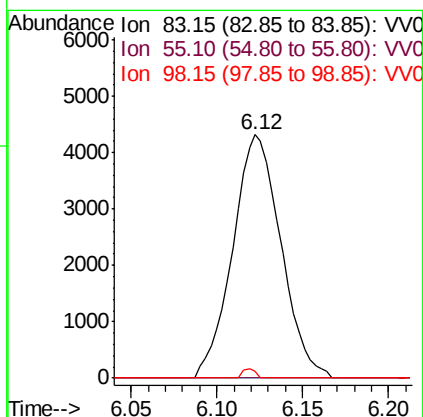
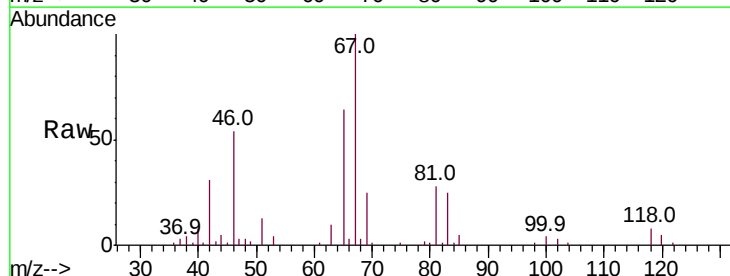
Instrument :
MSVOA_V
ClientSampleId :

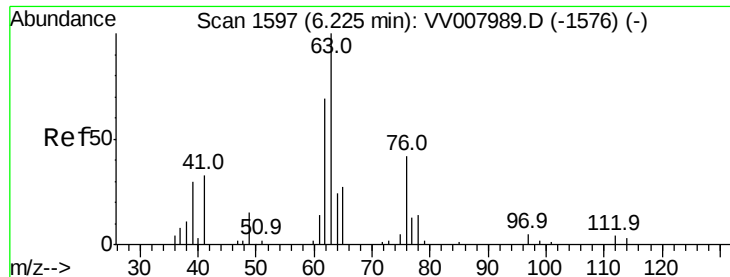
Tot Ion: 84 Resp: 1673
Ion Ratio Lower Upper
84 100
86 57.6 47.3 87.8
49 108.8 90.0 167.2



#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007990.D
Acq: 01 Oct 2018 13:03

Tgt Ion: 83 Resp: 8401
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 1.0 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.600 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007990.D

Acq: 01 Oct 2018 13:03

Instrument :

MSVOA_V

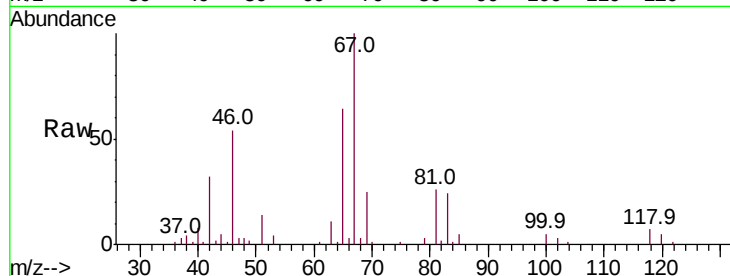
ClientSampleId :

Tot Ion: 63 Resp: 3811

Ion Ratio Lower Upper

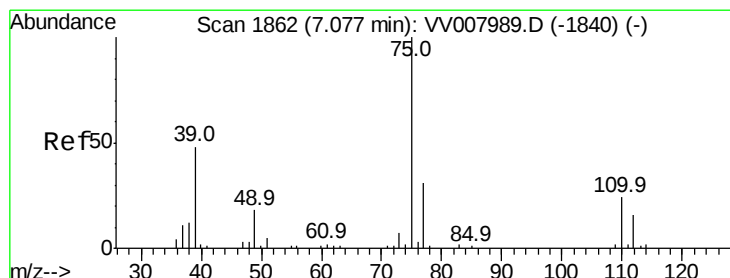
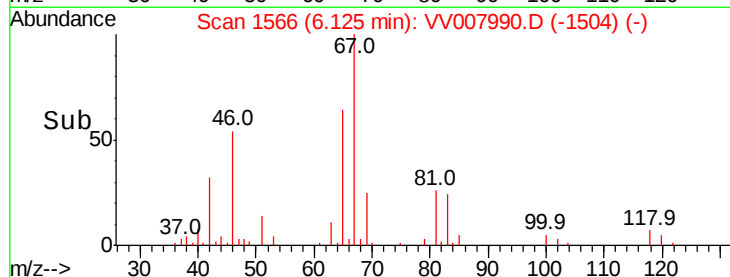
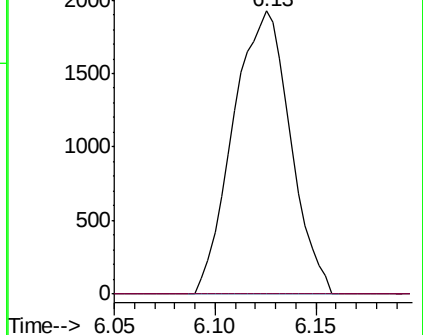
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007989.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV007989.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007990.D

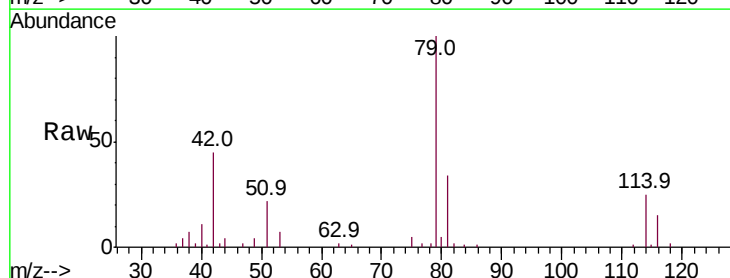
Acq: 01 Oct 2018 13:03

Tgt Ion: 75 Resp: 952

Ion Ratio Lower Upper

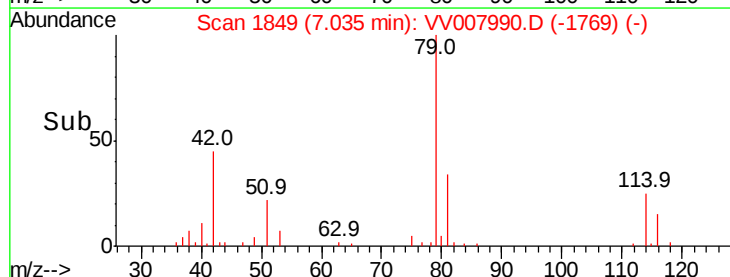
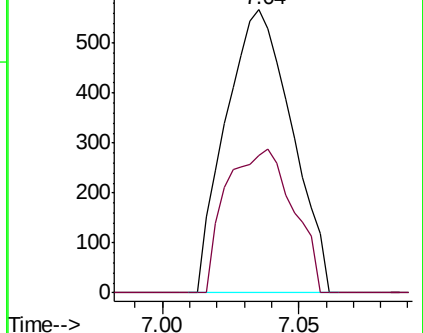
75 100

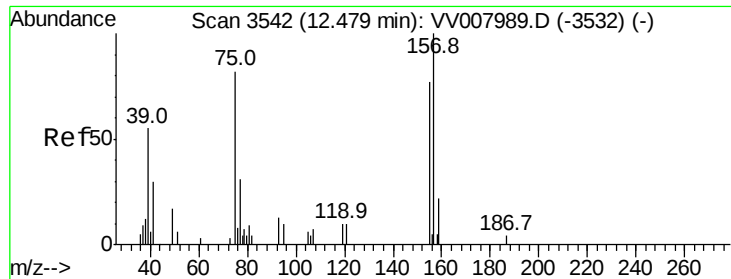
77 48.5 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007989.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007989.D (-1840) (-)





#66

1,2-Dibromo-3-chloropropane

Concen: 0.302 ug/L

RT: 12.31 min Scan# 3489

Delta R.T. -0.17 min

Lab File: VV007990.D

Acq: 01 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

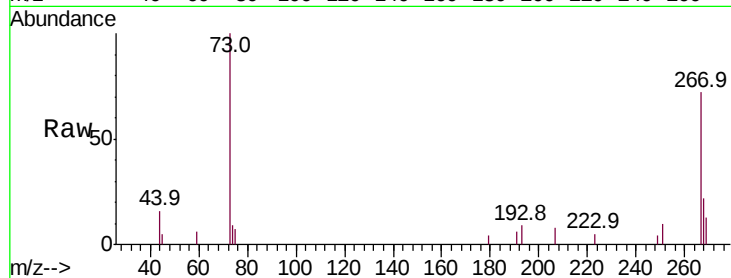
Tot Ion: 75 Resp: 210

Ion Ratio Lower Upper

75 100

155 0.0 83.4 125.2#

157 0.0 93.9 140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV007990.D (-3449) (-)

Ion 154.95 (154.65 to 155.65): VV007990.D (-3449) (-)

Ion 156.90 (156.60 to 157.60): VV007990.D (-3449) (-)

