

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
 Data File : VV010131.D
 Acq On : 05 Apr 2019 15:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Apr 05 23:49:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	308302	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	297326	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	154013	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57146	13.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.40%
7) Chloroethane-d5	1.56	69	69003	13.46	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.84%
10) 1,1-Dichloroethene-d2	2.12	63	120356	11.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.24%
20) 2-Butanone-d5	3.94	46	52443	44.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.30%
24) Chloroform-d	4.40	84	150388	19.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.44%
26) 1,2-Dichloroethane-d4	5.08	65	90755	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.52%
29) Benzene-d6	5.10	84	308023	19.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.92%
33) 1,2-Dichloropropane-d6	6.12	67	96962	21.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.24%
37) Toluene-d8	7.36	98	290454	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.20%
38) trans-1,3-Dichloropropene-	7.66	79	36315	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.68%
39) 2-Hexanone-d5	8.13	63	42438	46.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	94906	21.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	129893	21.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.60%

Target Compounds

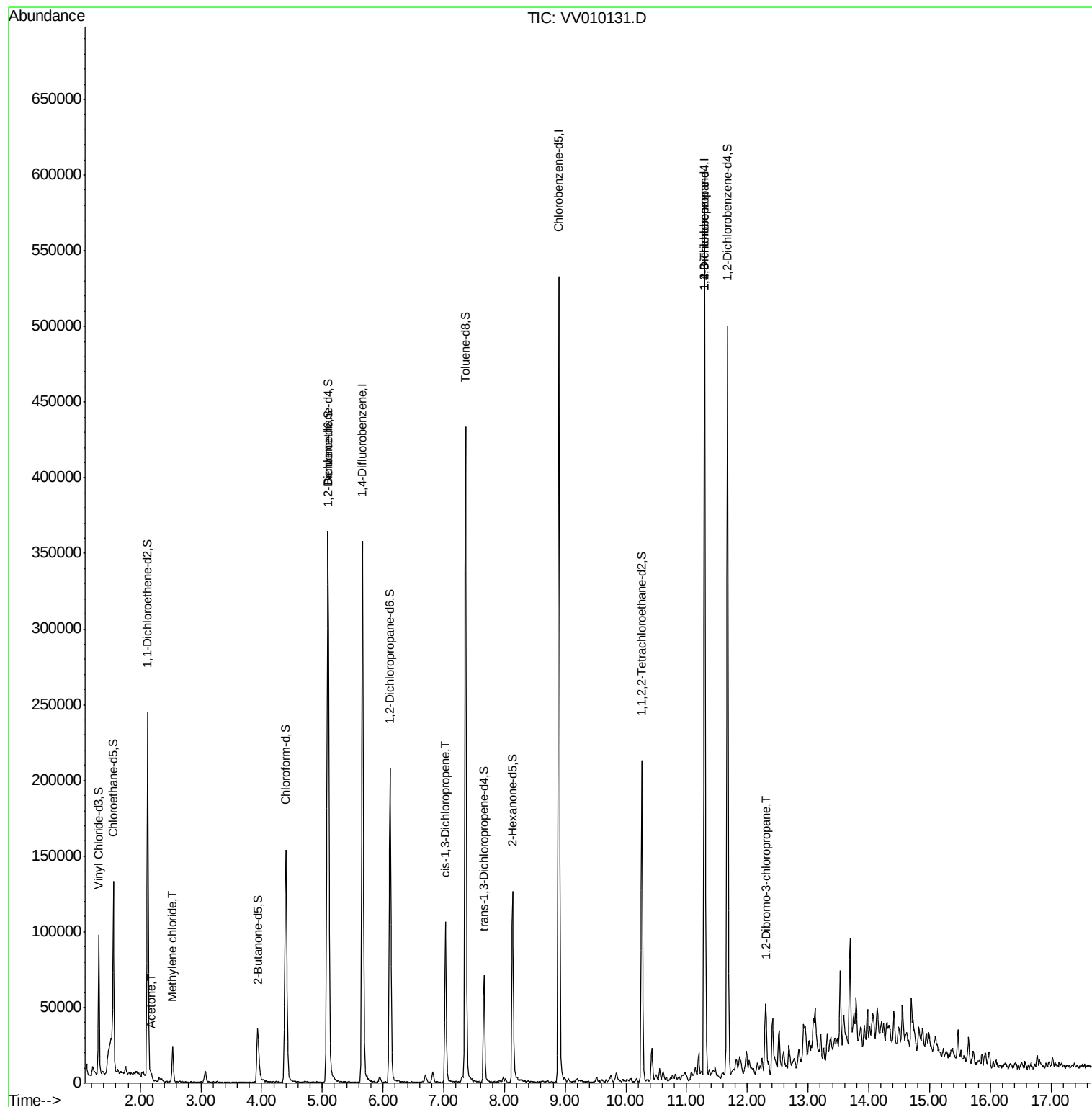
					Qvalue
13) Acetone	2.19	43	1784	1.536 ug/L	95
16) Methylene chloride	2.53	84	9428	1.741 ug/L	85
42) cis-1,3-Dichloropropene	7.03	75	3269	0.615 ug/L #	75
59) 1,2,3-Trichloropropane	11.29	75	18823	6.274 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.29	75	1011	1.679 ug/L #	12

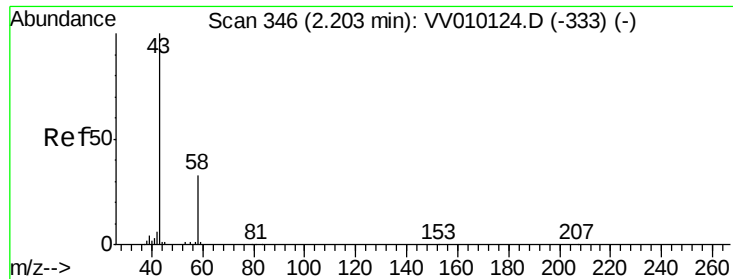
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.536 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010131.D

Acq: 05 Apr 2019 15:20

Instrument :

MSVOA_V

ClientSampled :

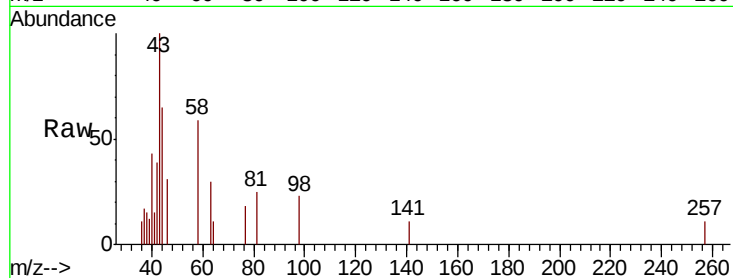
VIBLK

Tgt Ion: 43 Resp: 1784

Ion Ratio Lower Upper

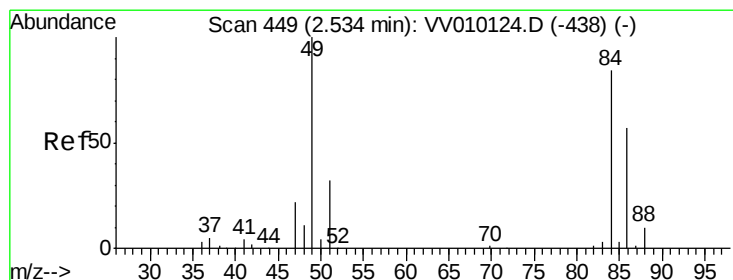
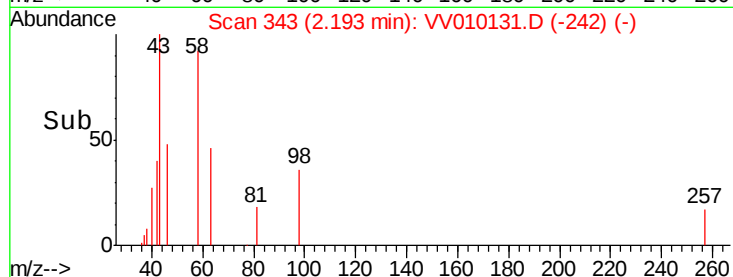
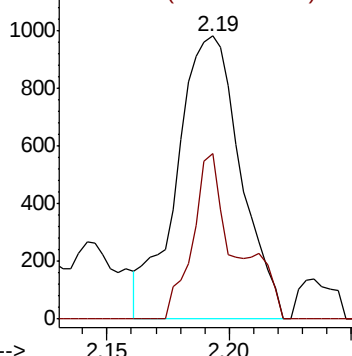
43 100

58 29.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.741 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010131.D

Acq: 05 Apr 2019 15:20

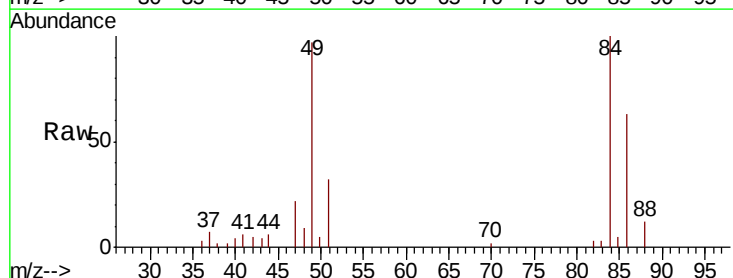
Tgt Ion: 84 Resp: 9428

Ion Ratio Lower Upper

84 100

49 96.8 84.3 156.5

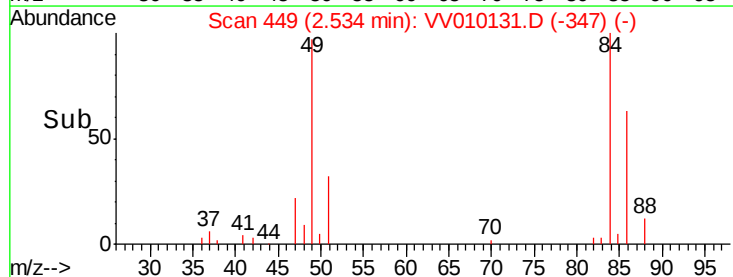
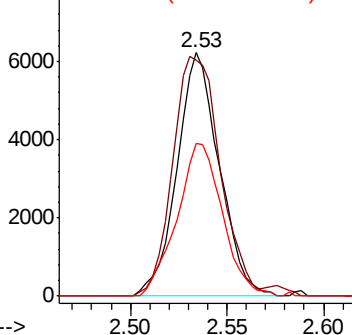
86 62.6 45.4 84.2

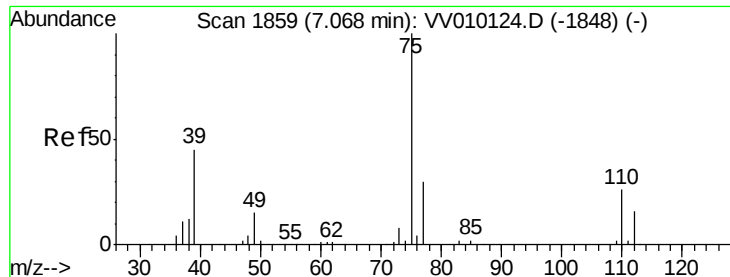


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



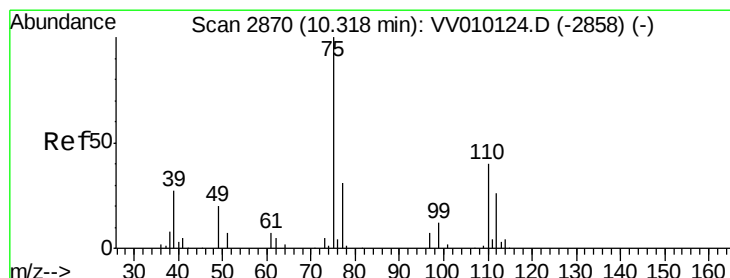
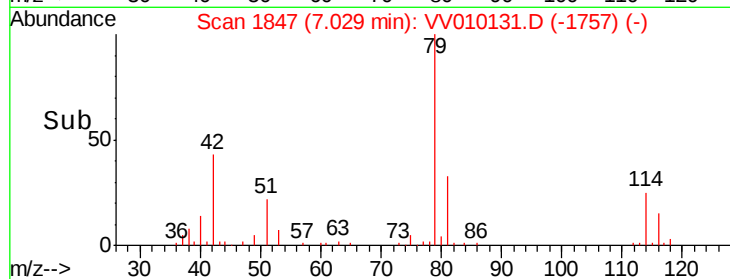
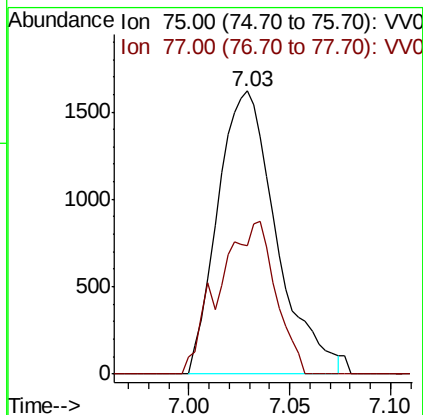
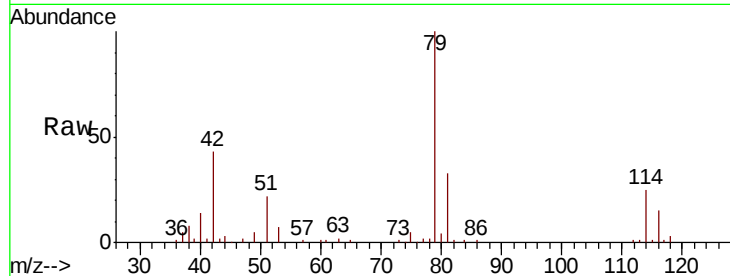


#42

cis-1,3-Dichloropropene
Concen: 0.615 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010131.D
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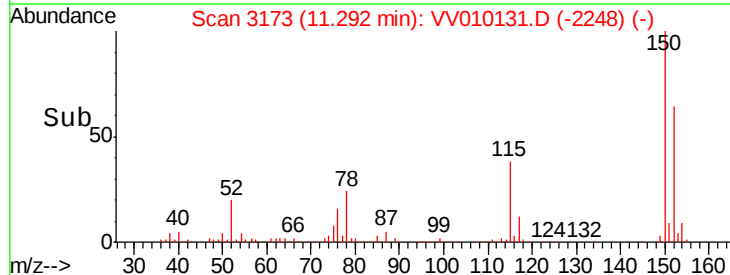
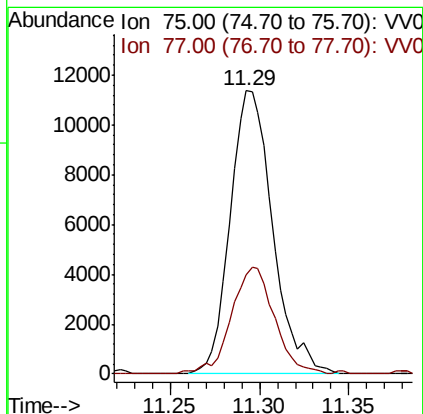
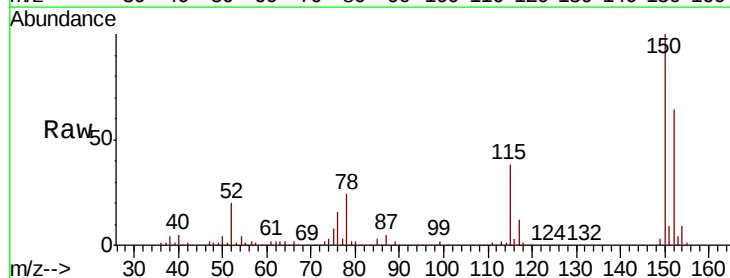
Tgt Ion: 75 Resp: 3269
Ion Ratio Lower Upper
75 100
77 45.6 22.1 41.1#

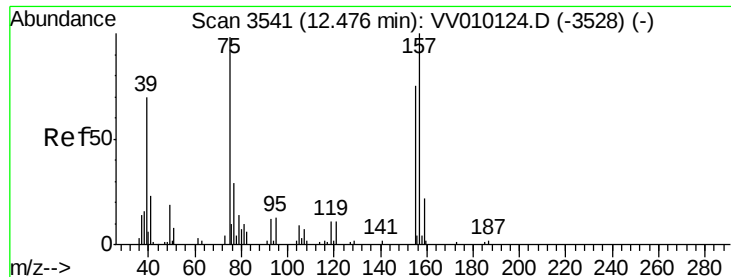


#59

1,2,3-Trichloropropane
Concen: 6.274 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010131.D
Acq: 05 Apr 2019 15:20

Tgt Ion: 75 Resp: 18823
Ion Ratio Lower Upper
75 100
77 38.0 25.8 38.8





#66

1,2-Dibromo-3-chloropropane

Concen: 1.679 ug/L

RT: 12.29 min Scan# 3484

Delta R.T. -0.18 min

Lab File: VV010131.D

Acq: 05 Apr 2019 15:20

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

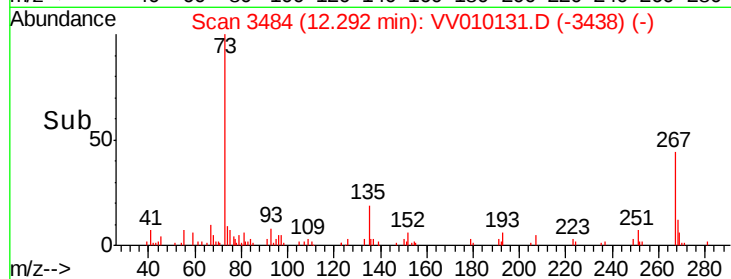
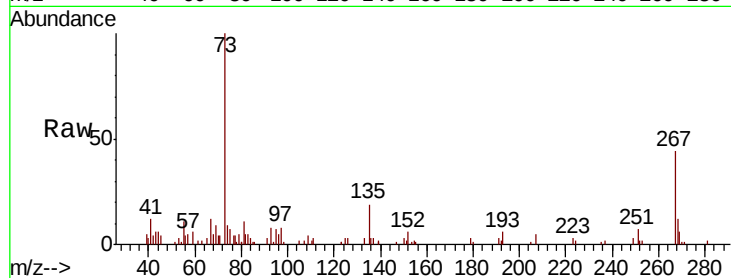
Tgt Ion: 75 Resp: 1011

Ion Ratio Lower Upper

75 100

157 0.0 83.0 124.6#

155 20.2 68.1 102.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

12.29

600

400

200

0

12.25 12.30

Time-->