

Data File : VV014915.D
Acq On : 13 Mar 2020 19:54
Operator : SY/MD
Sample : L1858-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRG7

Quant Time: Mar 16 01:39:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 16 01:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	392841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382346	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92492	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.58%
7) Chloroethane-d5	1.58	69	73179	34.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.64%#
11) 1,1-Dichloroethene-d2	2.12	63	117699	26.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.28%#
21) 2-Butanone-d5	4.21	46	88	0.04	ug/L	0.28
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.04%#
24) Chloroform-d	4.47	84	177	0.04	ug/L	0.09
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	5.06	65	144825	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
32) Benzene-d6	5.08	84	433884	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
36) 1,2-Dichloropropane-d6	6.10	67	133250	39.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.64%
41) Toluene-d8	7.34	98	407410	41.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.64	79	63221	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
47) 2-Hexanone-d5	8.12	63	132013	88.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195096	42.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	173955	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%

Target Compounds

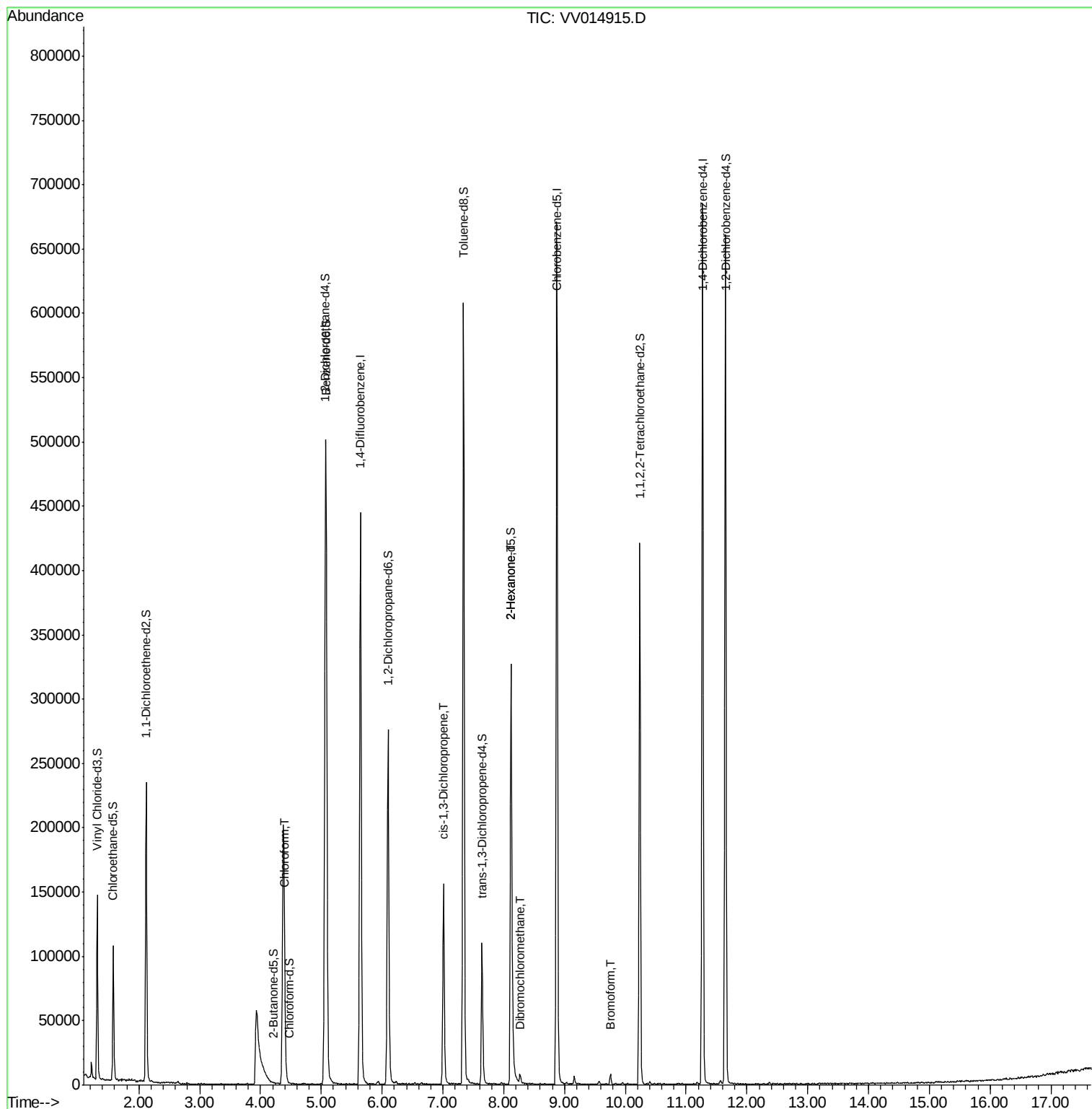
					Qvalue
25) Chloroform	4.41	83	7732	1.449 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	3983	0.849 ug/L #	33
48) 2-Hexanone	8.12	43	15850	4.646 ug/L #	74
49) Dibromochloromethane	8.27	129	2642	0.879 ug/L	90
61) Bromoform	9.76	173	3602	1.814 ug/L #	94

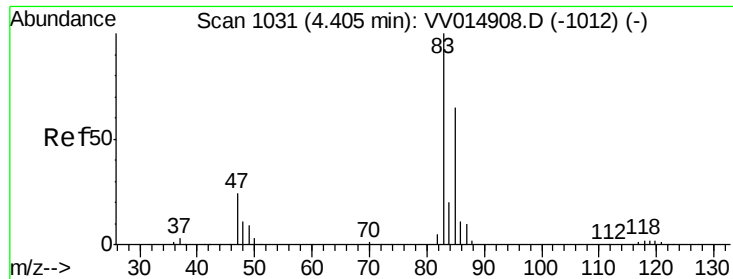
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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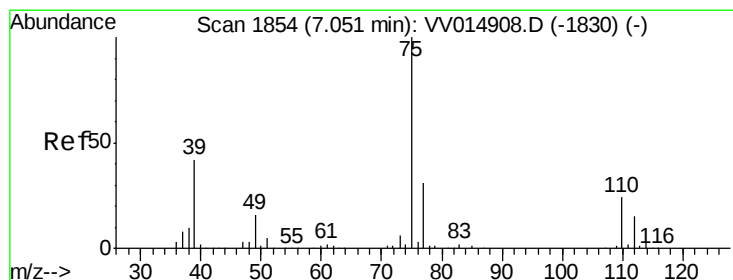
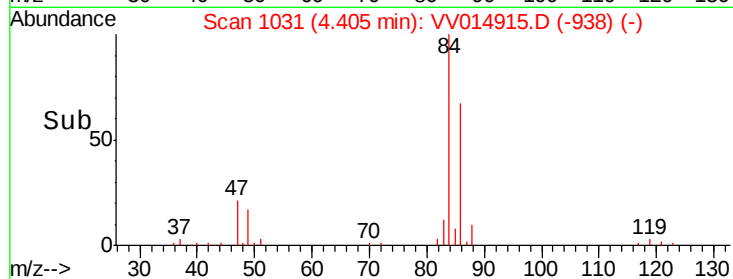
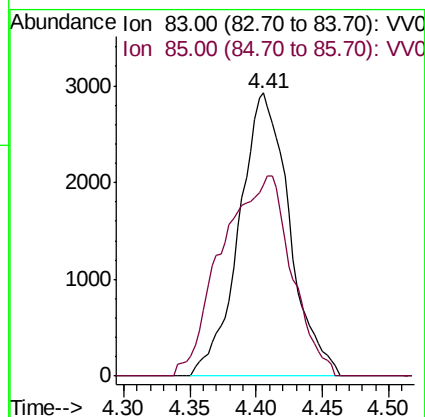
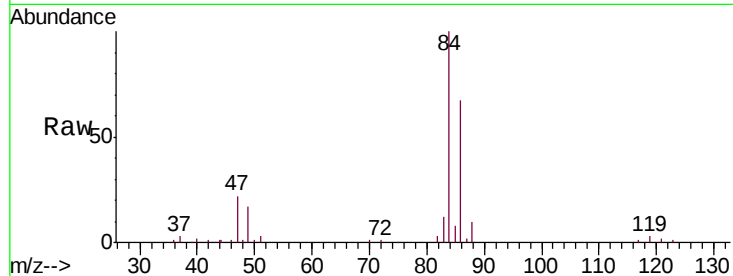




#25
Chloroform
Concen: 1.449 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014915.D
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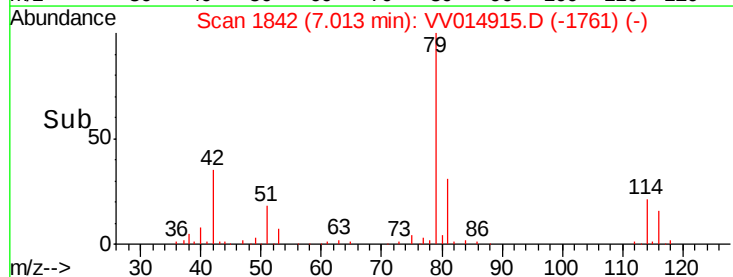
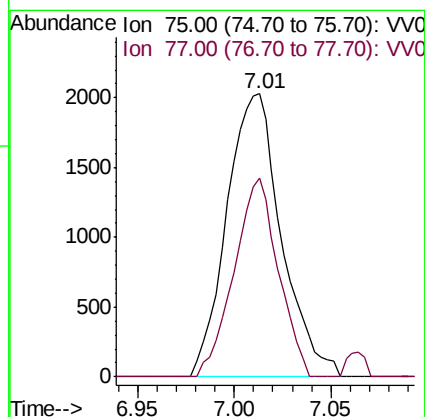
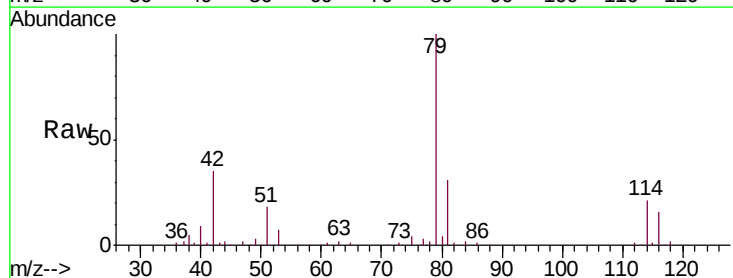
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MSVOA_V
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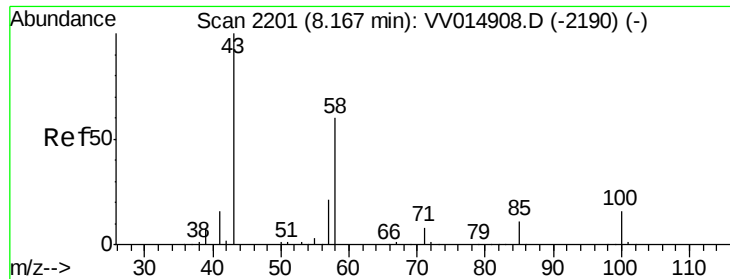
Tgt Ion: 83 Resp: 7732
Ion Ratio Lower Upper
83 100
85 67.4 45.1 83.9



#39
cis-1,3-Dichloropropene
Concen: 0.849 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV014915.D
Acq: 13 Mar 2020 19:54

Tgt Ion: 75 Resp: 3983
Ion Ratio Lower Upper
75 100
77 70.3 22.8 42.4#

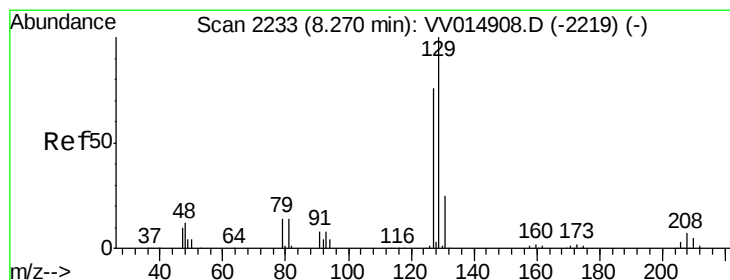
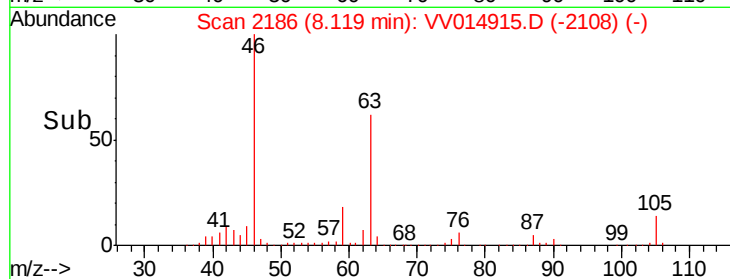
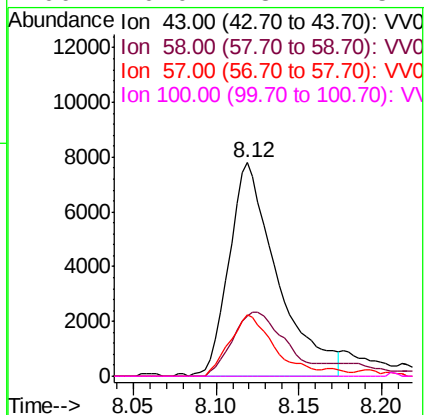
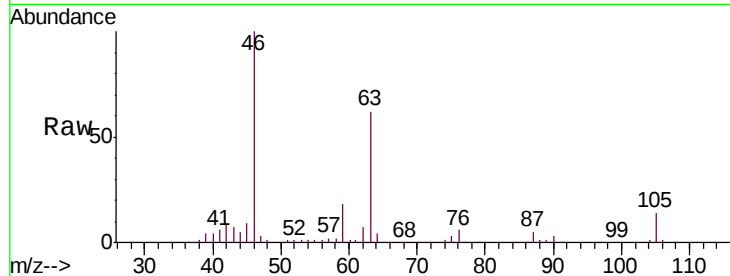




#48
2-Hexanone
Concen: 4.646 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014915.D
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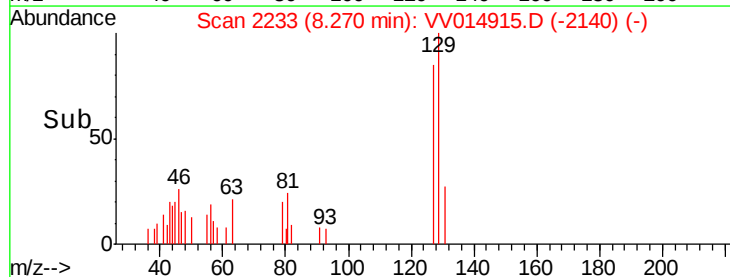
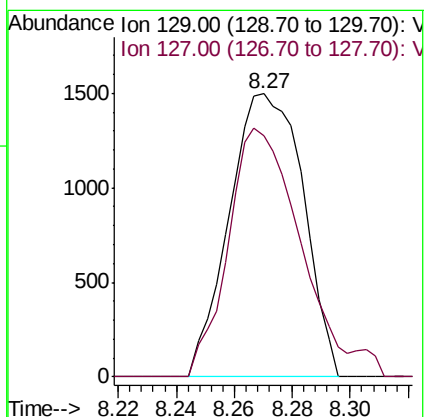
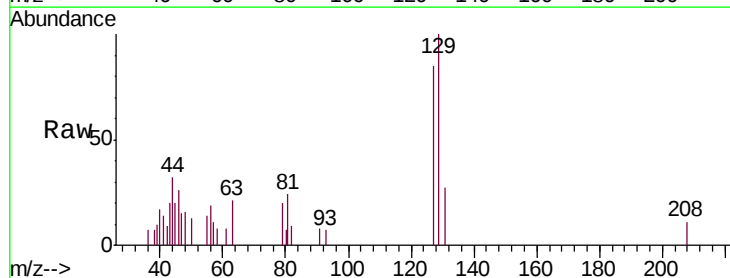
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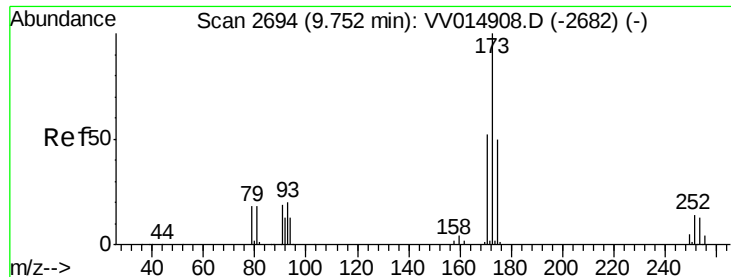
Tgt Ion:	43	Resp:	15850
Ion	Ratio	Lower	Upper
43	100		
58	33.0	43.3	64.9#
57	26.4	15.6	23.4#
100	0.0	8.7	13.1#



#49
Dibromochloromethane
Concen: 0.879 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV014915.D
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Tgt Ion:	129	Resp:	2642
Ion	Ratio	Lower	Upper
129	100		
127	85.2	53.9	100.1





#61

Bromoform

Concen: 1.814 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV014915.D

Acq: 13 Mar 2020 19:54

Instrument :
MSVOA_V
ClientSampleId :
BFRG7

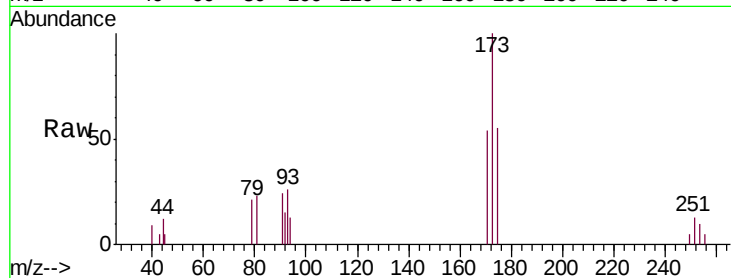
Tgt Ion:173 Resp: 3602

Ion Ratio Lower Upper

173 100

175 50.1 39.0 58.4

254 2.1 8.6 13.0#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

