

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040446.D
 Acq On : 02 Oct 2020 01:43
 Operator : SY/MD
 Sample : L4209-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLWS8

Quant Time: Oct 02 07:19:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136794	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61396	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0d	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.92	69	25003	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.58	63	1319	0.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1.60%#
20) 2-Butanone-d5	4.66	46	181849	54.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	5.09	84	72432	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	46065	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.75	84	126161	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.70	67	47331	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	0.00	98	0d	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.64	63	123552	52.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45242	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50947	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

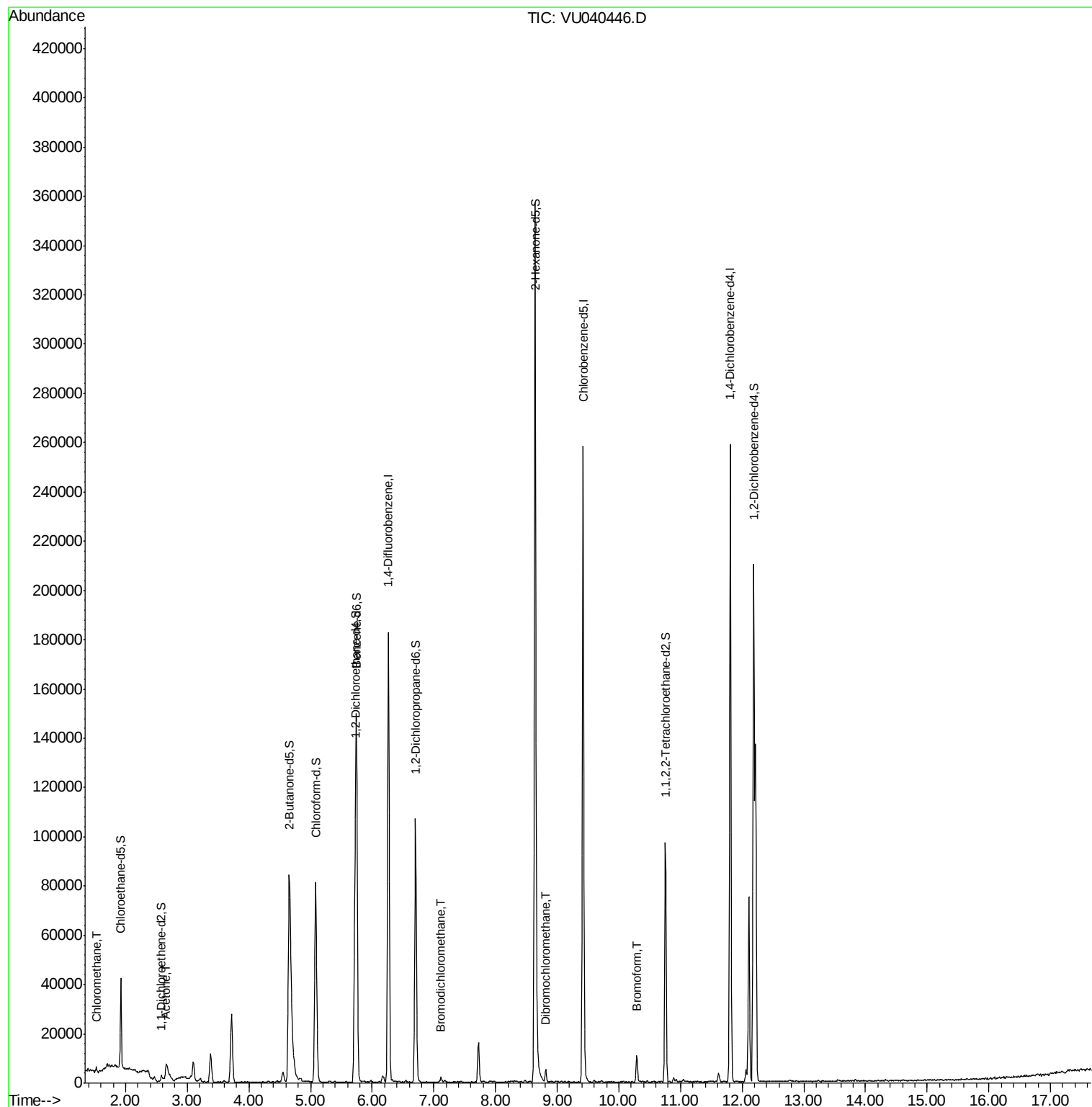
					Ovalue
3) Chloromethane	1.53	50	1914	0.142 ug/L	88
13) Acetone	2.66	43	17178	6.128 ug/L	91
38) Bromodichloromethane	7.11	83	1563	0.101 ug/L #	96
49) Dibromochloromethane	8.82	129	2617	0.256 ug/L	96
61) Bromoform	10.29	173	4898	0.965 ug/L	96

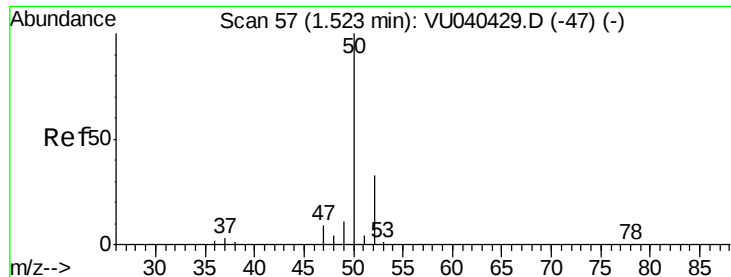
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.142 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040446.D

Acq: 02 Oct 2020 01:43

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MSVOA_U

ClientSampleId :

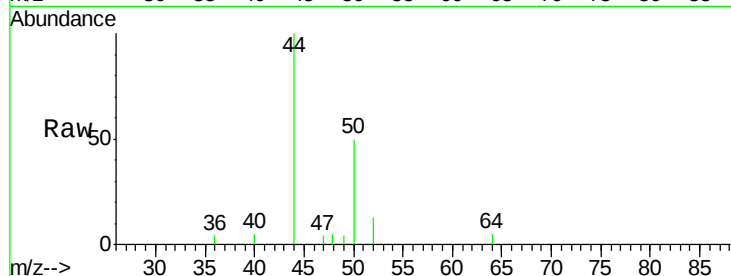
JLWS8

Tot Ion: 50 Resp: 1914

Ion Ratio Lower Upper

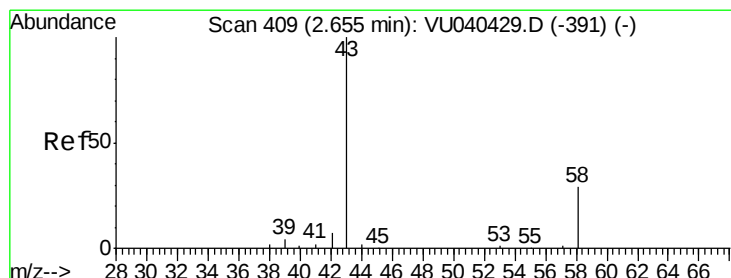
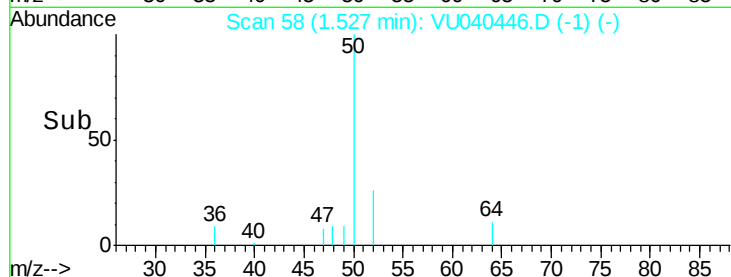
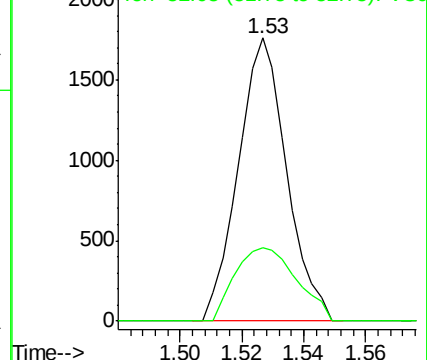
50 100

52 26.0 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 6.128 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU040446.D

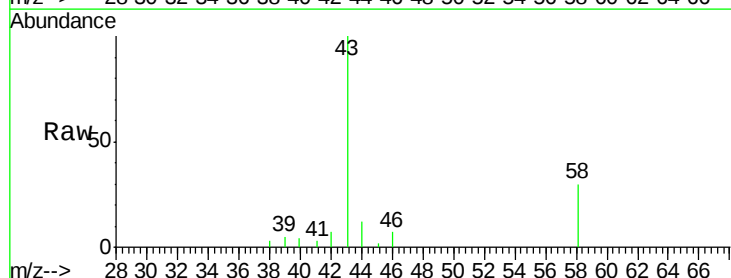
Acq: 02 Oct 2020 01:43

Tgt Ion: 43 Resp: 17178

Ion Ratio Lower Upper

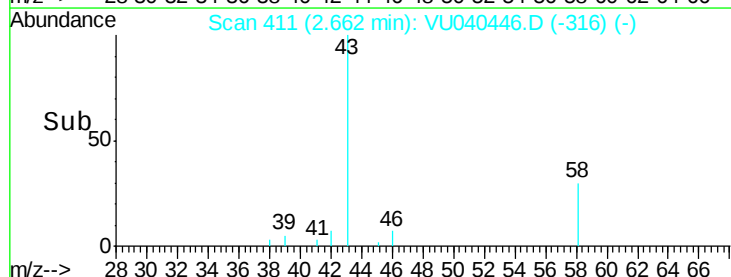
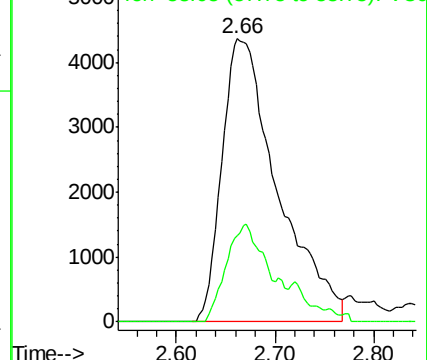
43 100

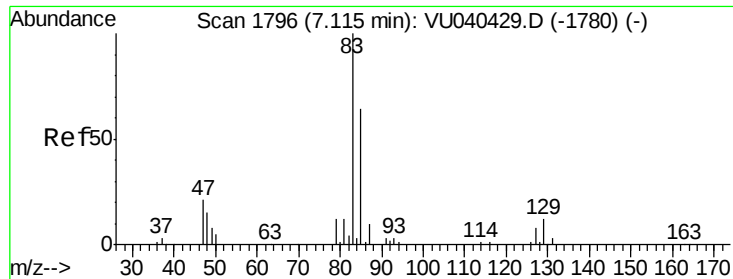
58 25.9 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#38

Bromodichloromethane

Concen: 0.101 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. 0.00 min

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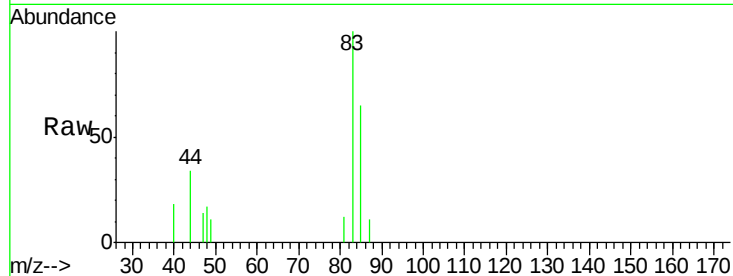
Tot Ion: 83 Resp: 1563

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.9

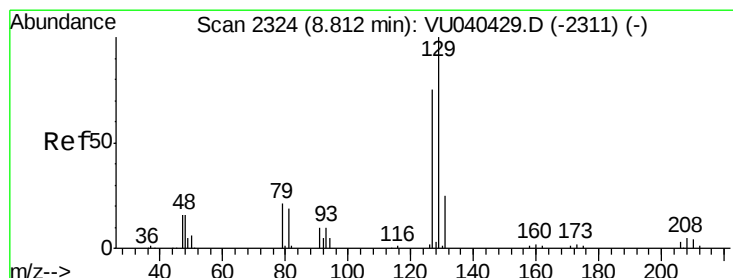
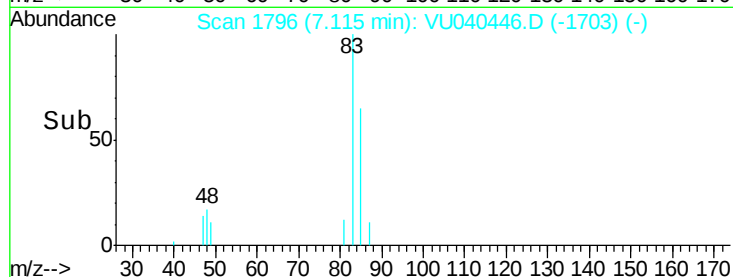
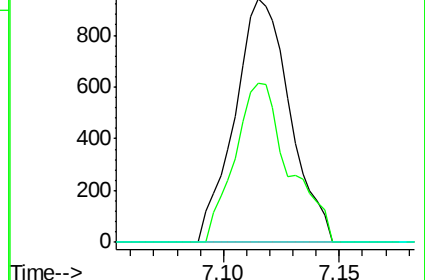
127 0.0 6.6 9.8#



Abundance Ion 82.95 (82.65 to 83.65): VU040429.D (-1780) (-)

Ion 85.00 (84.70 to 85.70): VU040429.D (-1780) (-)

Ion 126.90 (126.60 to 127.60): VU040429.D (-1780) (-)



#49

Dibromochloromethane

Concen: 0.256 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU040446.D

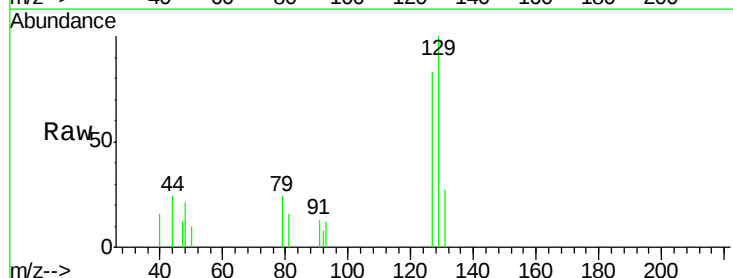
Acq: 02 Oct 2020 01:43

Tgt Ion: 129 Resp: 2617

Ion Ratio Lower Upper

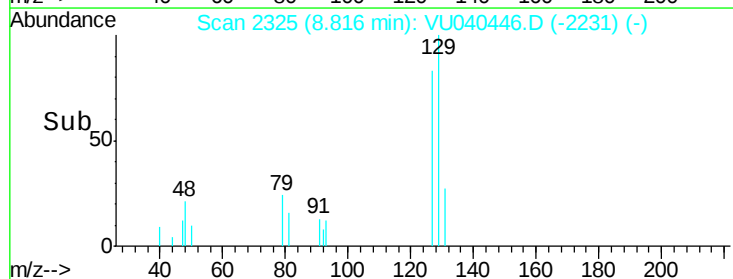
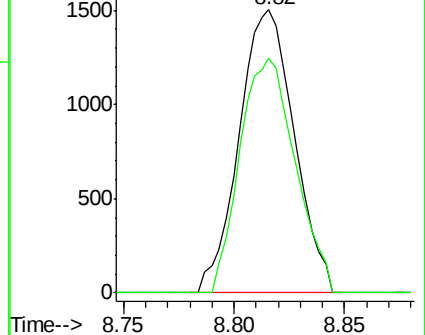
129 100

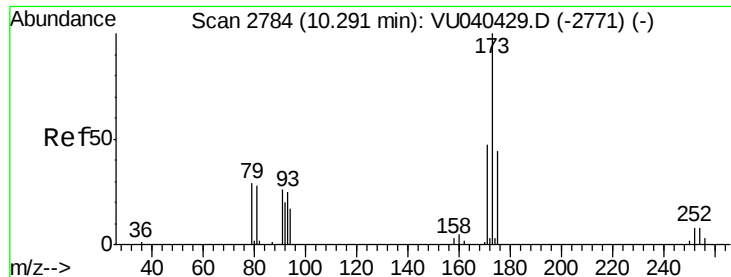
127 82.8 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): VU040429.D (-2311) (-)

Ion 126.90 (126.60 to 127.60): VU040429.D (-2311) (-)





#61

Bromoform

Concen: 0.965 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040446.D

Acq: 02 Oct 2020 01:43

Instrument :

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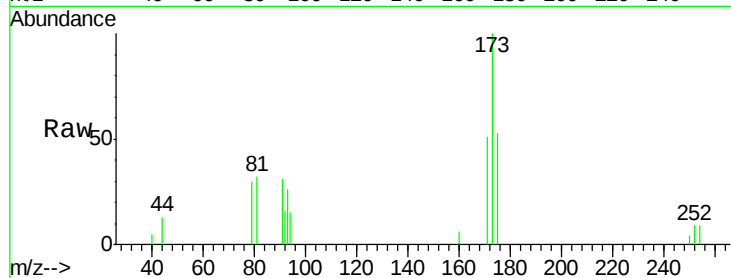
Tot Ion:173 Resp: 4898

Ion Ratio Lower Upper

173 100

175 47.1 39.6 59.4

254 7.1 7.0 10.4



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

