

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038046.D
 Acq On : 07 May 2020 18:08
 Operator : JC/MD
 Sample : L2526-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH6

Quant Time: May 08 03:40:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	332144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	325669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102239	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.93	69	95853	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.00%
11) 1,1-Dichloroethene-d2	2.59	63	135861	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	4.66	46	276037	36.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.66%
24) Chloroform-d	5.10	84	163425	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.80%
26) 1,2-Dichloroethane-d4	5.74	65	108673	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
32) Benzene-d6	5.76	84	401725	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.72	67	132328	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.92	98	359288	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.20	79	41818	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	8.65	63	231246	38.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97167	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	127949	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

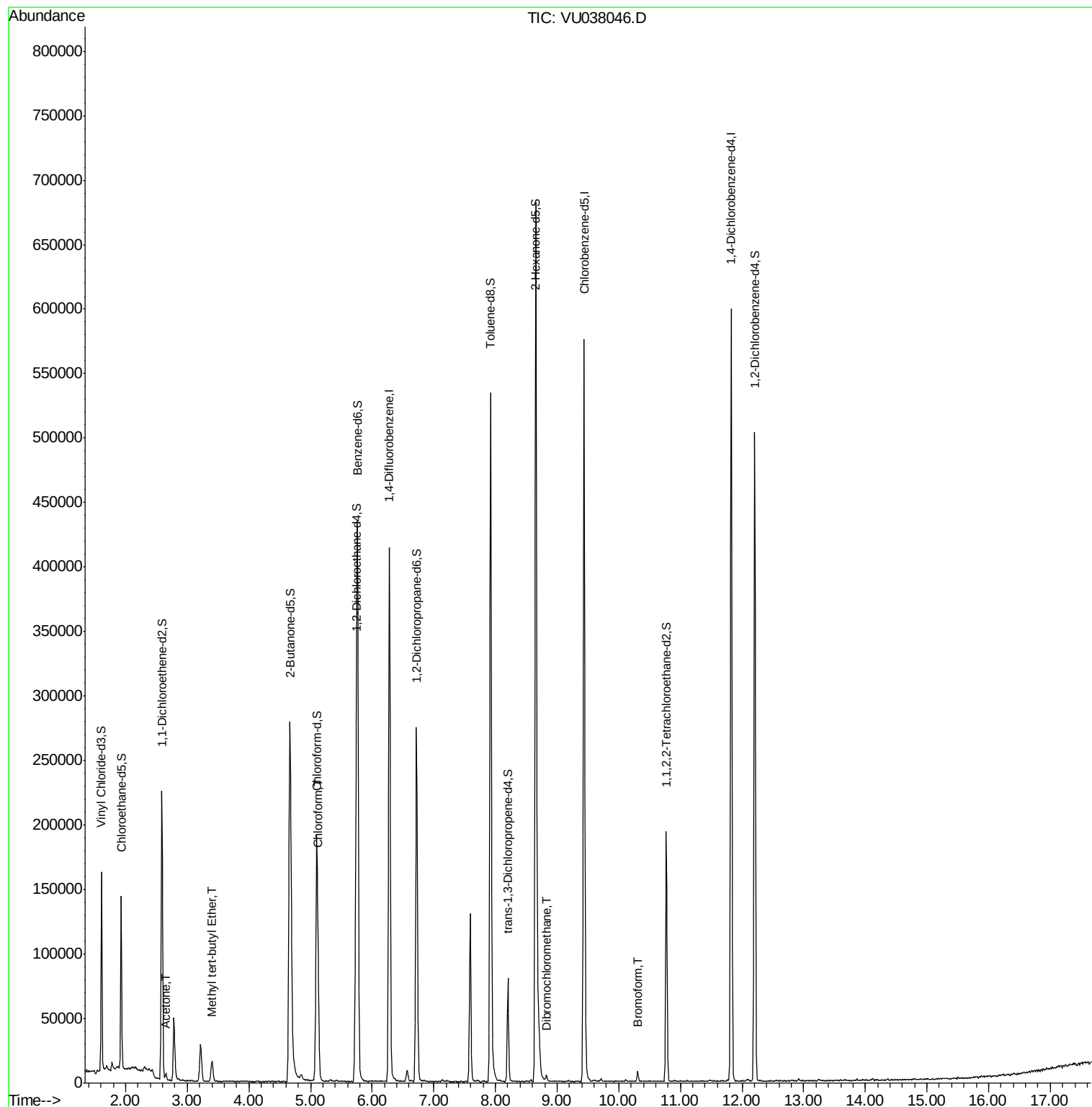
					Ovalue
13) Acetone	2.65	43	4713	1.002	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	16402	0.256	ug/L 94
25) Chloroform	5.12	83	40687	0.888	ug/L 99
49) Dibromochloromethane	8.83	129	2220	0.109	ug/L 90
61) Bromoform	10.31	173	3403	0.345	ug/L # 91

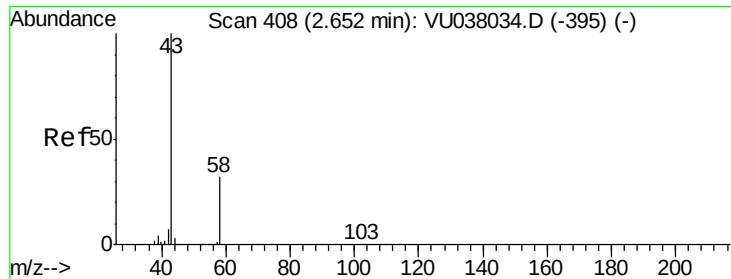
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.002 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038046.D

Acq: 07 May 2020 18:08

Instrument :

MSVOA_U

ClientSampled :

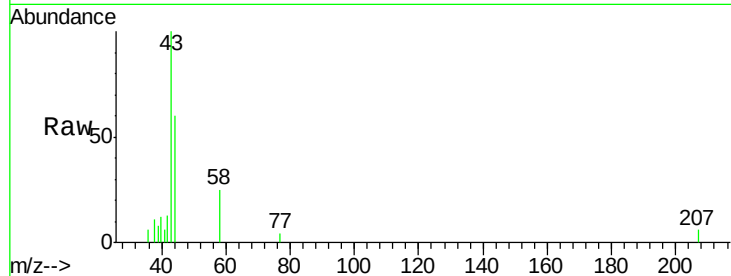
BFSH6

Tot Ion: 43 Resp: 4713

Ion Ratio Lower Upper

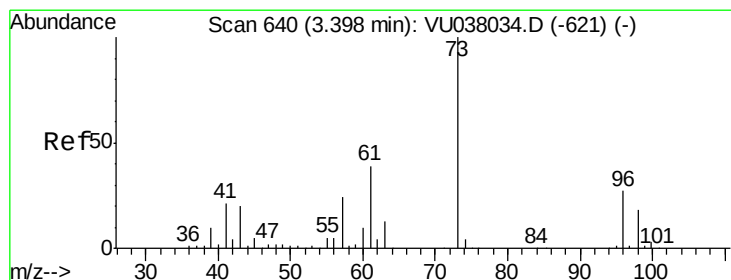
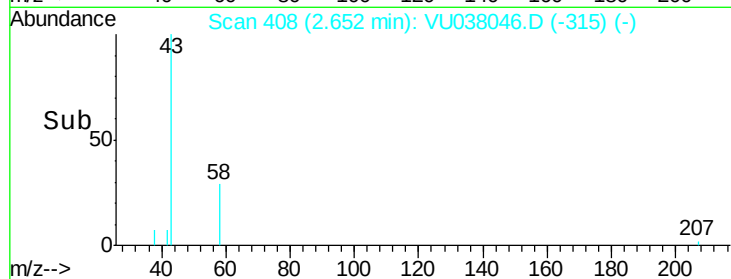
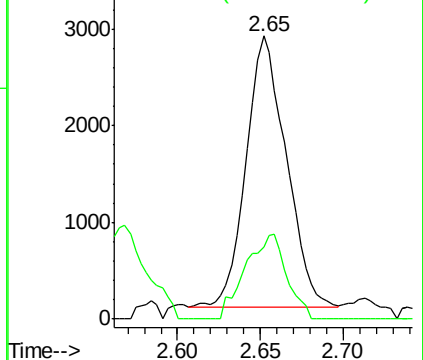
43 100

58 32.2 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038034.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU038034.D (-395) (-)



#17

Methyl tert-butyl Ether

Concen: 0.256 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038046.D

Acq: 07 May 2020 18:08

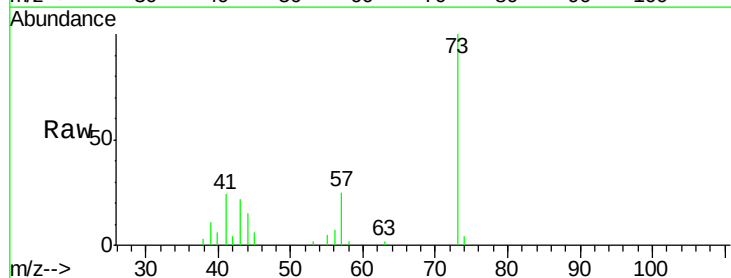
Tgt Ion: 73 Resp: 16402

Ion Ratio Lower Upper

73 100

43 23.5 16.9 25.3

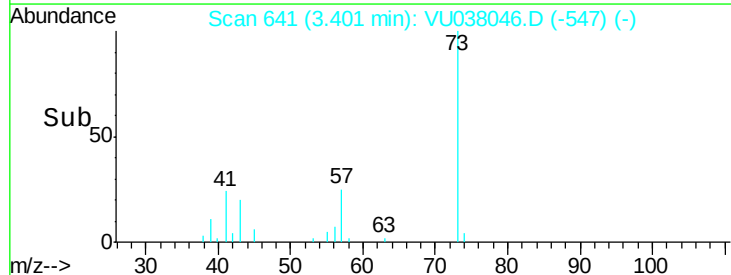
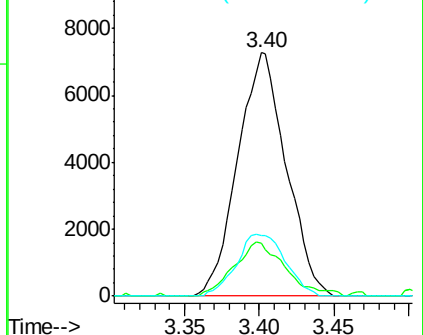
57 25.6 18.2 27.2

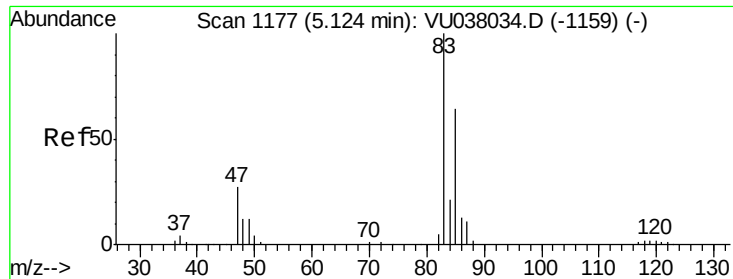


Abundance Ion 73.10 (72.80 to 73.80): VU038034.D (-621) (-)

Ion 43.05 (42.75 to 43.75): VU038034.D (-621) (-)

Ion 57.10 (56.80 to 57.80): VU038034.D (-621) (-)

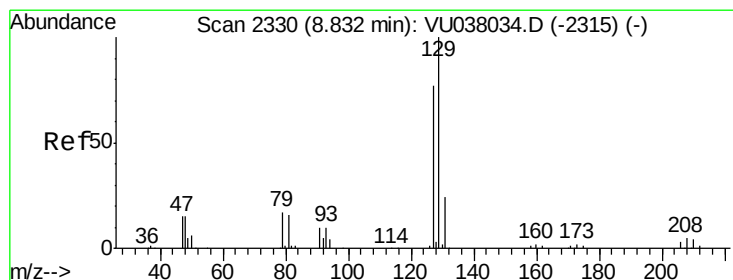
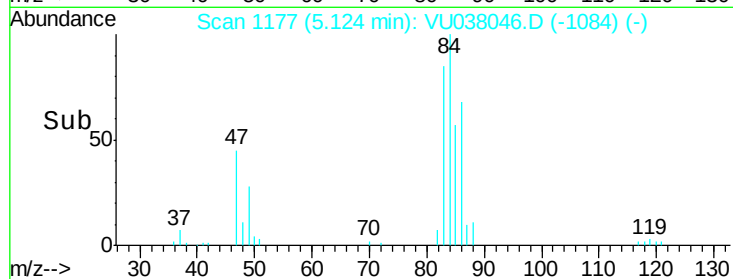
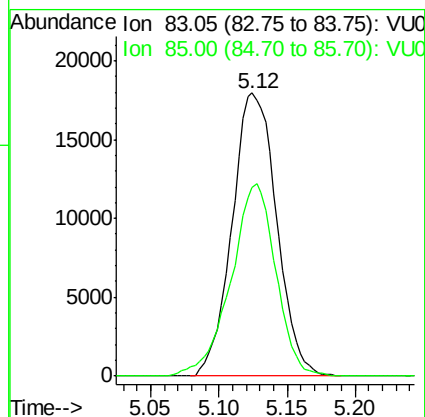
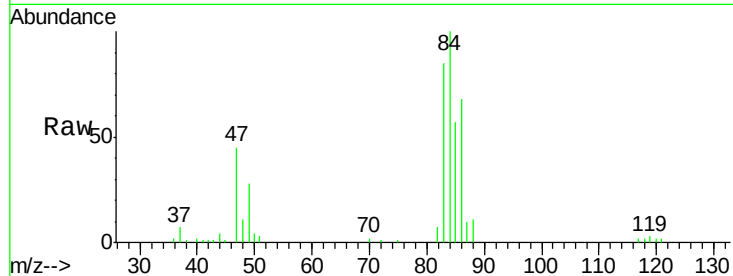




#25
Chloroform
Concen: 0.888 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038046.D
Acq: 07 May 2020 18:08

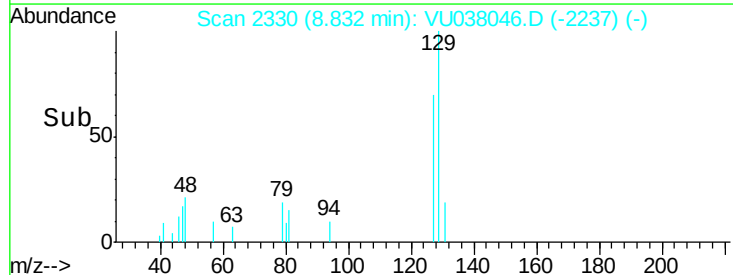
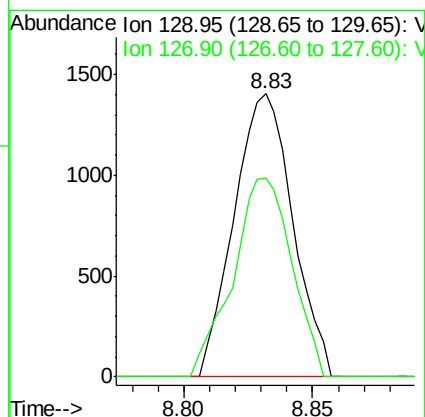
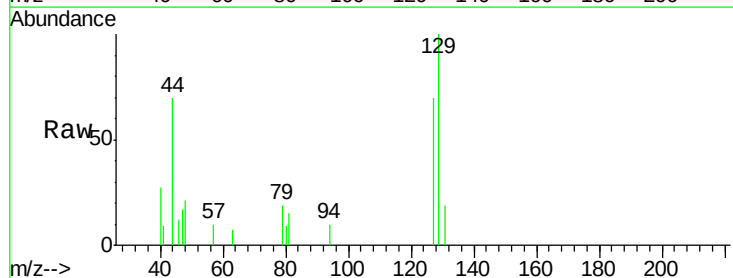
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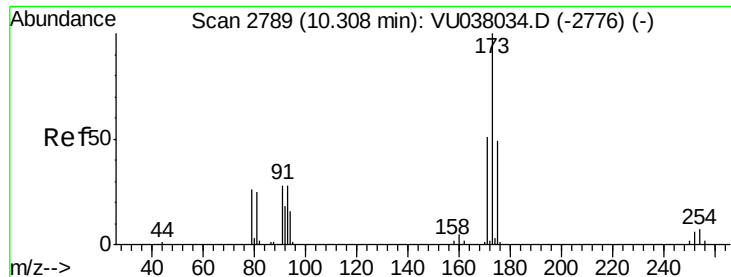
Tot Ion: 83 Resp: 40687
Ion Ratio Lower Upper
83 100
85 66.8 46.2 85.8



#49
Dibromochloromethane
Concen: 0.109 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU038046.D
Acq: 07 May 2020 18:08

Tgt Ion: 129 Resp: 2220
Ion Ratio Lower Upper
129 100
127 70.3 55.6 103.4





#61

Bromoform

Concen: 0.345 ug/L

RT: 10.31 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VU038046.D

Acq: 07 May 2020 18:08

Instrument :

MSVOA_U

ClientSampleId :

BFSH6

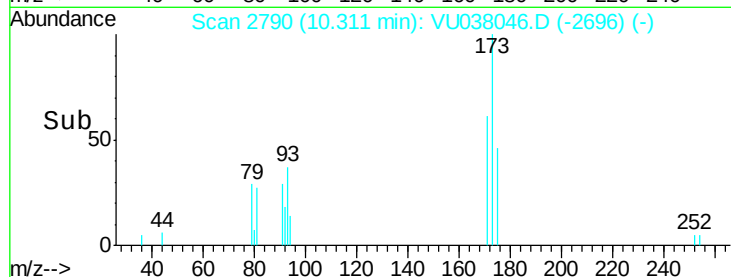
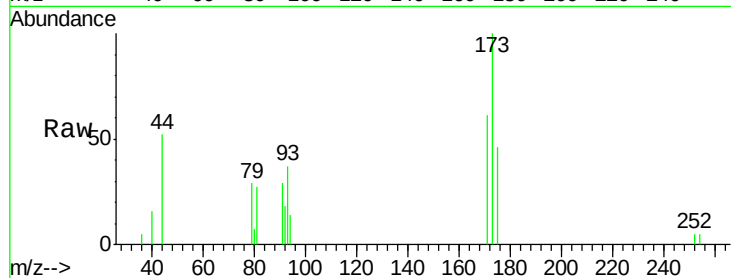
Tot Ion:173 Resp: 3403

Ion Ratio Lower Upper

173 100

175 43.3 39.5 59.3

254 4.2 5.0 7.4



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

