

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040458.D
 Acq On : 02 Oct 2020 14:10
 Operator : SY/MD
 Sample : L4209-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLWS7

Quant Time: Oct 03 01:16:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122533	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55317	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	24958	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.58	63	37811	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	4.66	46	120116	39.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.72%
24) Chloroform-d	5.08	84	63242	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	40078	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.74	84	120309	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.70	67	40141	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	81081	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	8.19	79	14606	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	80575	37.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35010	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	40066	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

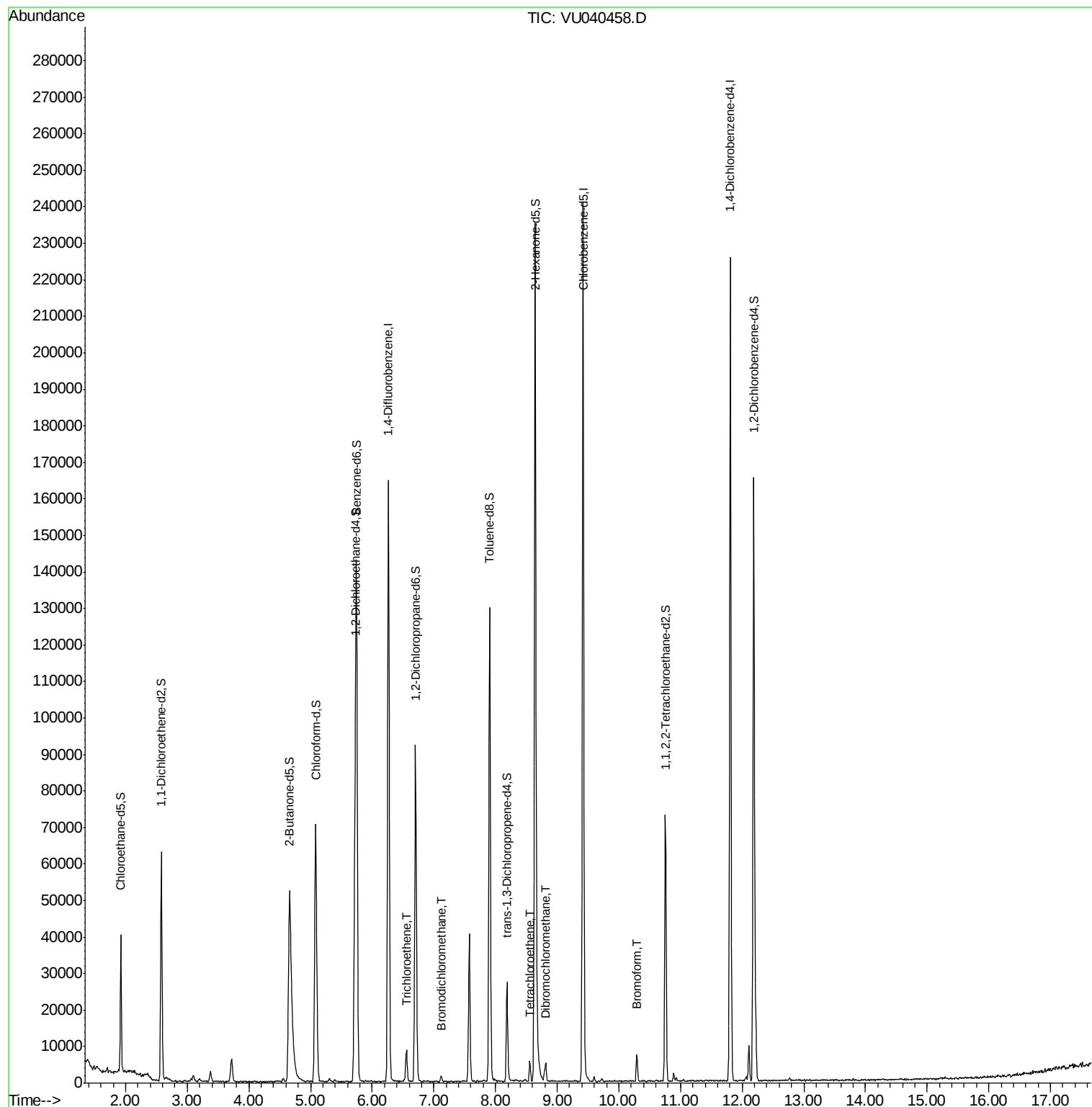
					Ovalue
34) Trichloroethene	6.56	95	3057	0.280 ug/L	93
38) Bromodichloromethane	7.12	83	1252	0.088 ug/L #	87
47) Tetrachloroethene	8.55	164	1183	0.152 ug/L #	75
49) Dibromochloromethane	8.82	129	2481	0.265 ug/L	91
61) Bromoform	10.29	173	3061	0.670 ug/L #	96

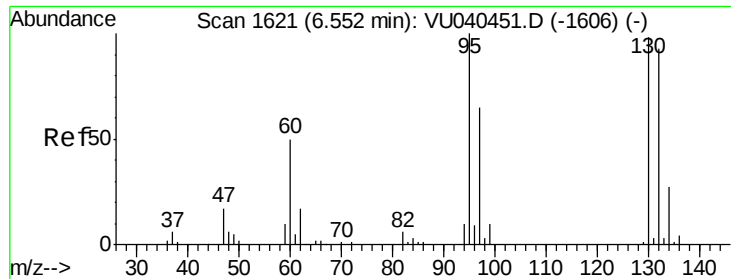
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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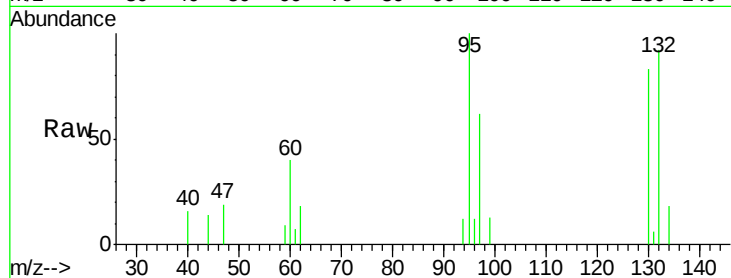




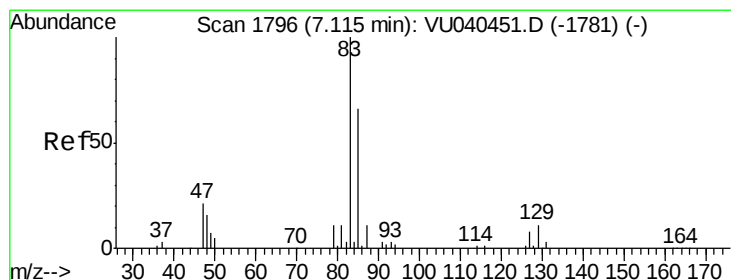
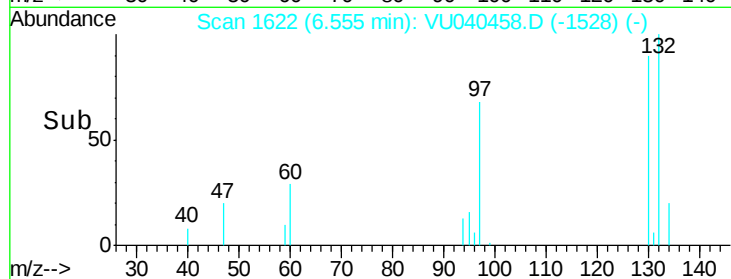
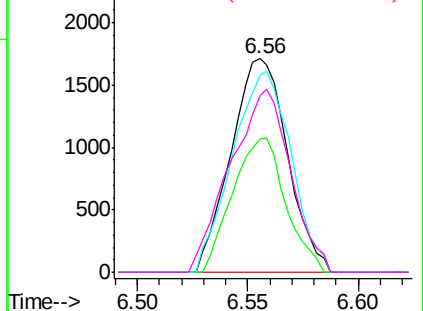
#34
 Trichloroethene
 Concen: 0.280 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040458.D
 Acq: 02 Oct 2020 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 JLWS7

Tot Ion:	95	Resp:	3057
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.3	85.9
132	92.2	60.5	112.3
130	83.0	64.3	119.3

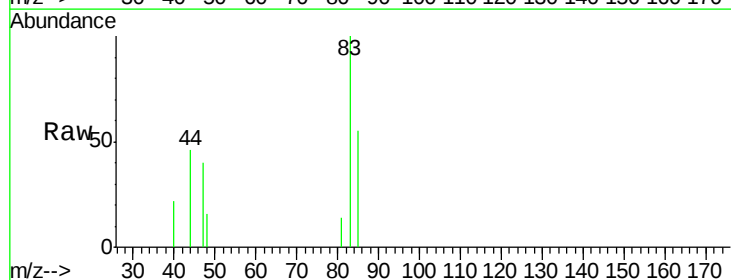


Abundance Ion 95.00 (94.70 to 95.70): VU040458.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU040458.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU040458.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU040458.D (-1528) (-)

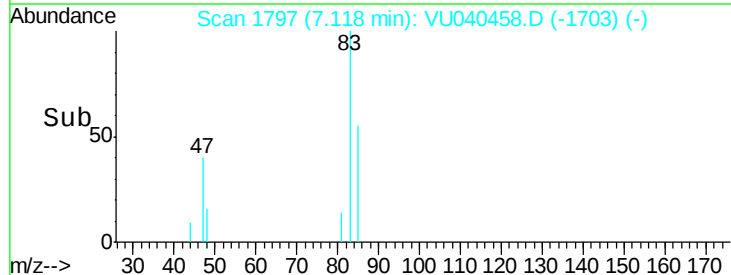
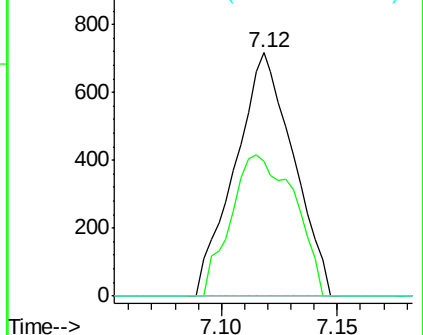


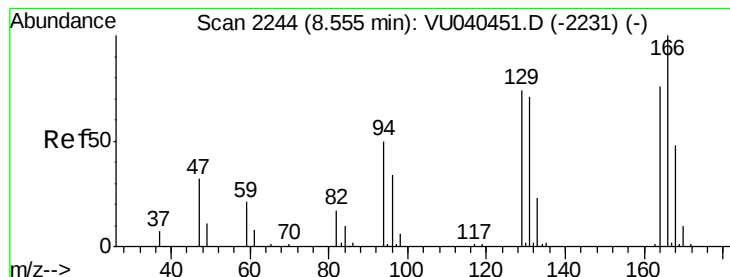
#38
 Bromodichloromethane
 Concen: 0.088 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU040458.D
 Acq: 02 Oct 2020 14:10

Tgt Ion:	83	Resp:	1252
Ion	Ratio	Lower	Upper
83	100		
85	55.1	45.1	83.9
127	0.0	6.6	9.8#



Abundance Ion 82.95 (82.65 to 83.65): VU040458.D (-1703) (-)
 Ion 85.00 (84.70 to 85.70): VU040458.D (-1703) (-)
 Ion 126.90 (126.60 to 127.60): VU040458.D (-1703) (-)





#47

Tetrachloroethene

Concen: 0.152 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.00 min

Lab File: VU040458.D

Acq: 02 Oct 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

JLWS7

Tot Ion:164 Resp: 1183

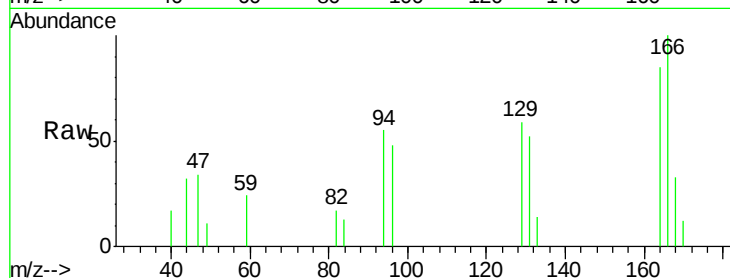
Ion Ratio Lower Upper

164 100

129 69.4 70.3 130.7#

131 62.1 69.2 128.6#

166 118.2 91.1 169.3

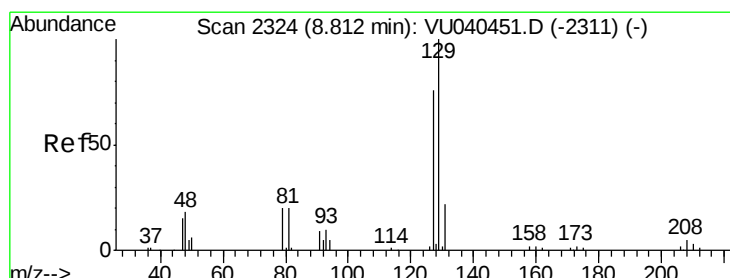
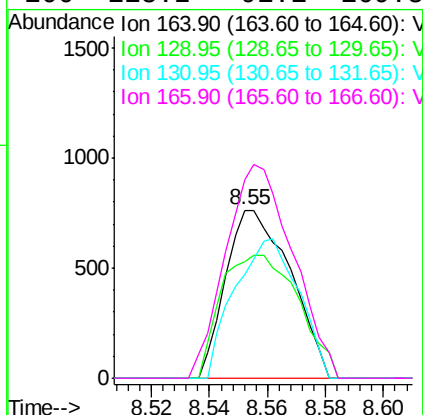
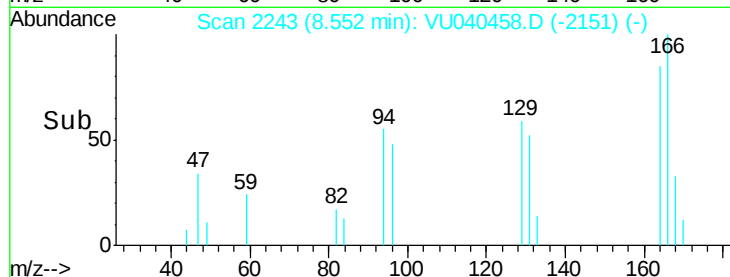


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.265 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU040458.D

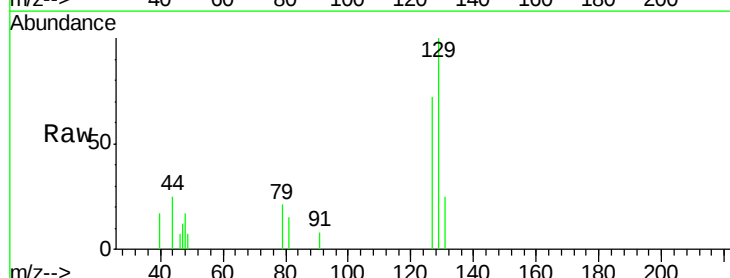
Acq: 02 Oct 2020 14:10

Tgt Ion:129 Resp: 2481

Ion Ratio Lower Upper

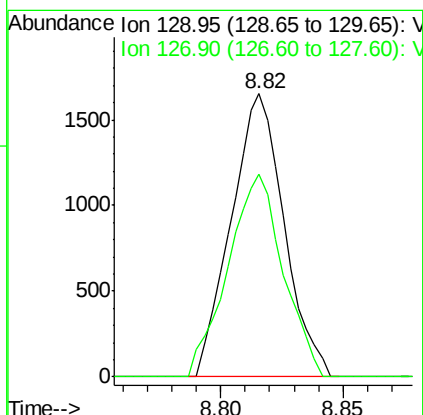
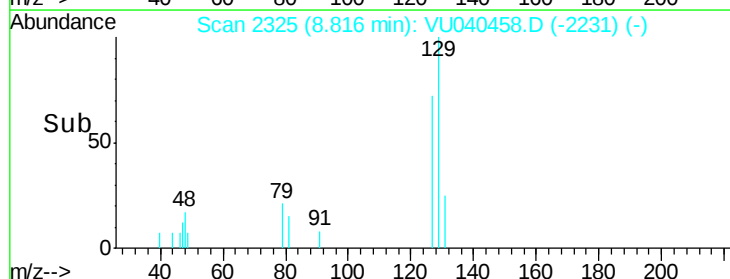
129 100

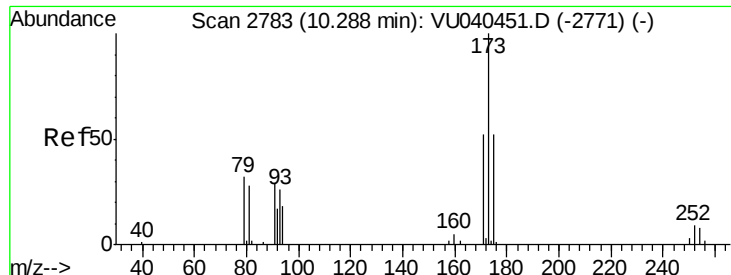
127 71.5 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#61

Bromoform

Concen: 0.670 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040458.D

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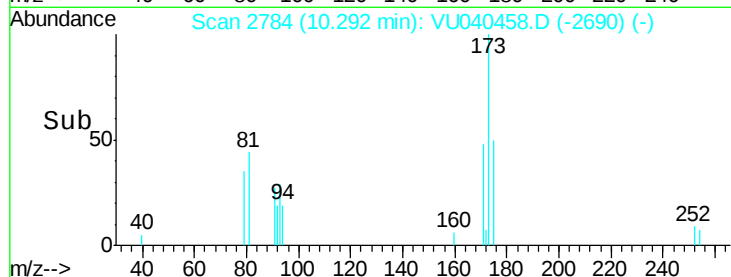
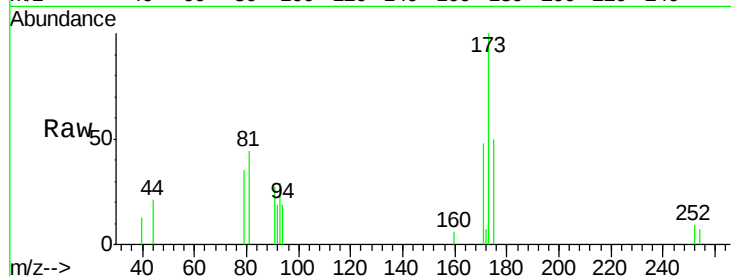
Tot Ion:173 Resp: 3061

Ion Ratio Lower Upper

173 100

175 48.8 39.6 59.4

254 2.2 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

