

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102020\
 Data File : VU040861.D
 Acq On : 20 Oct 2020 20:39
 Operator : SY/MD
 Sample : L4428-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ52

Quant Time: Oct 21 02:35:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 23:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121145	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40639	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.92	69	34745	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.58	63	61635	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.65	46	157773	53.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	5.08	84	85231	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.72	65	51288	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	152805	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.70	67	53473	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	121573	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	19165	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.64	63	111001	46.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47894	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	49329	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

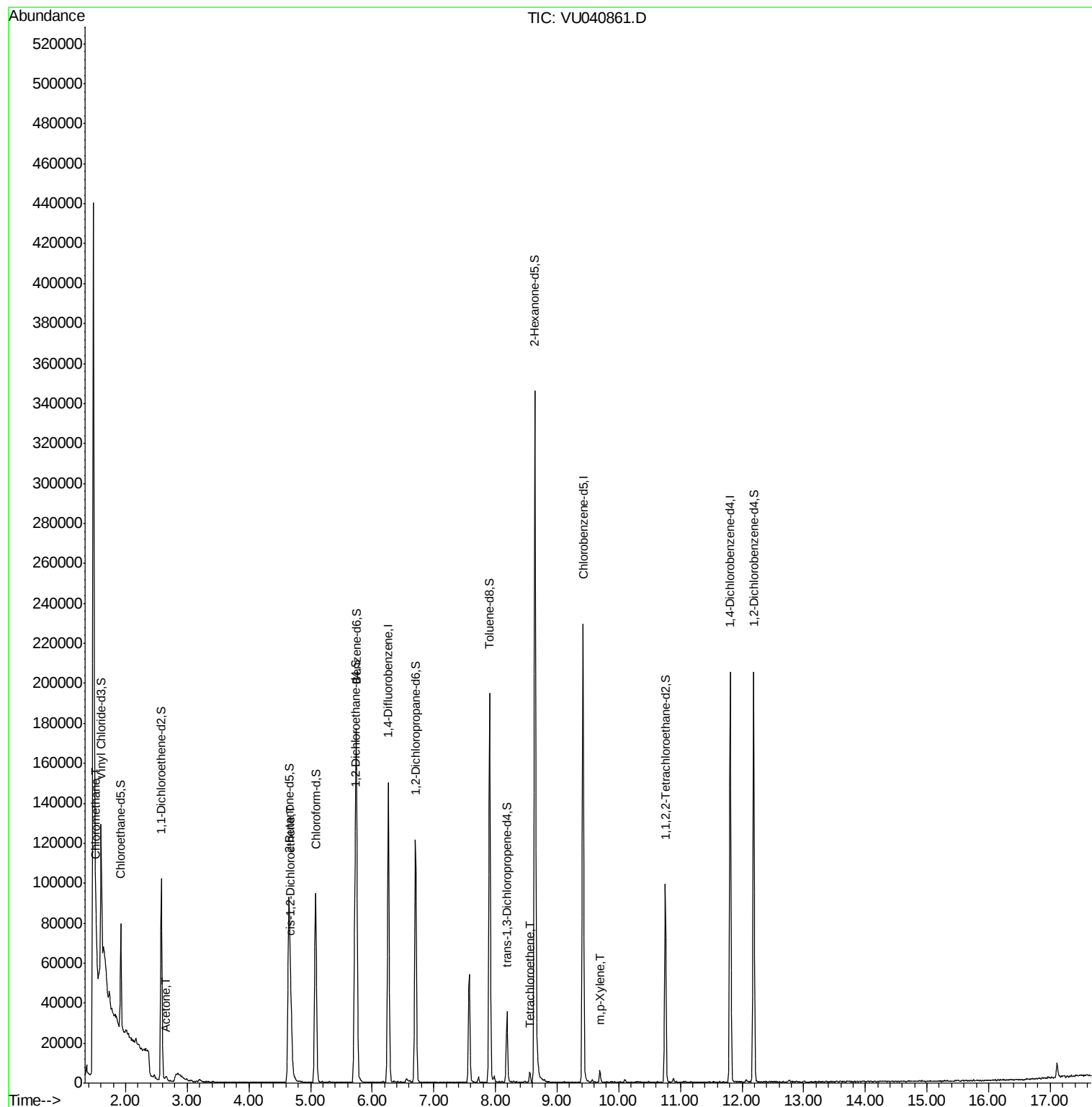
					Ovalue
3) Chloromethane	1.53	50	3813	0.407 ug/L	# 82
13) Acetone	2.65	43	3673	1.618 ug/L	88
22) cis-1,2-Dichloroethene	4.69	96	7333	0.824 ug/L	96
47) Tetrachloroethene	8.56	164	1138	0.158 ug/L	80
53) m,p-Xylene	9.70	106	1548	0.099 ug/L	98

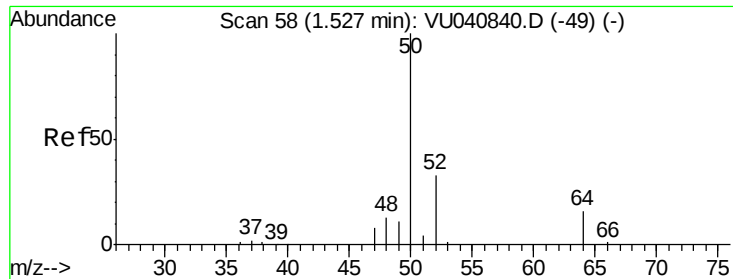
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.407 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040861.D

Acq: 20 Oct 2020 20:39

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MSVOA_U

ClientSampleId :

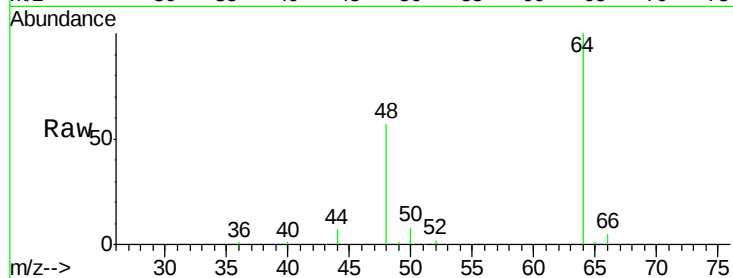
ETZ52

Tot Ion: 50 Resp: 3813

Ion Ratio Lower Upper

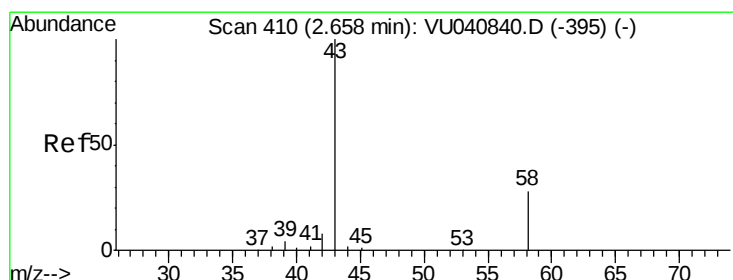
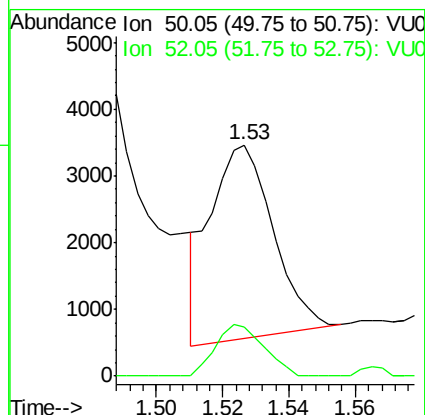
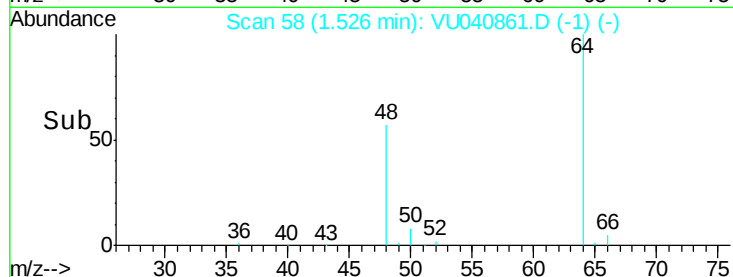
50 100

52 21.4 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU040861.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040861.D (-1) (-)



#13

Acetone

Concen: 1.618 ug/L

RT: 2.65 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU040861.D

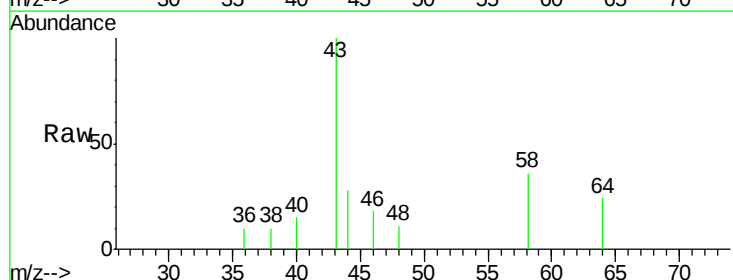
Acq: 20 Oct 2020 20:39

Tgt Ion: 43 Resp: 3673

Ion Ratio Lower Upper

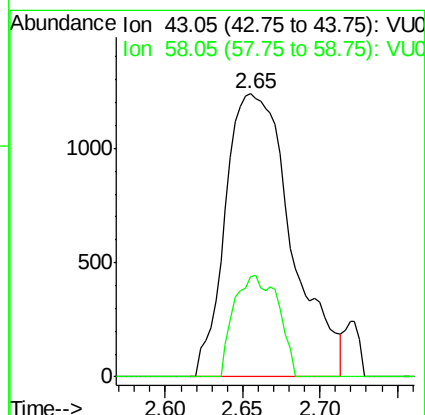
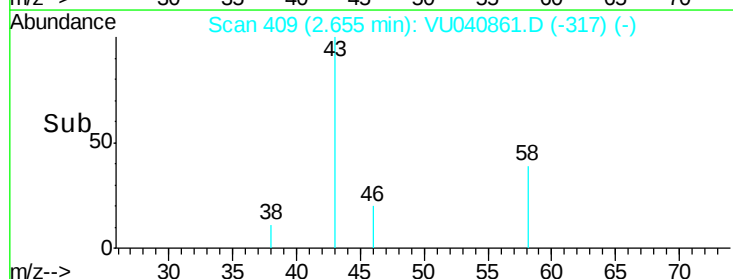
43 100

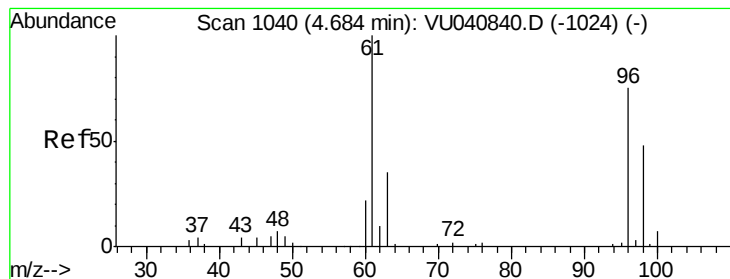
58 23.9 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040861.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU040861.D (-317) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.824 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040861.D

Acq: 20 Oct 2020 20:39

Instrument :

MSVOA_U

ClientSampleId :

ETZ52

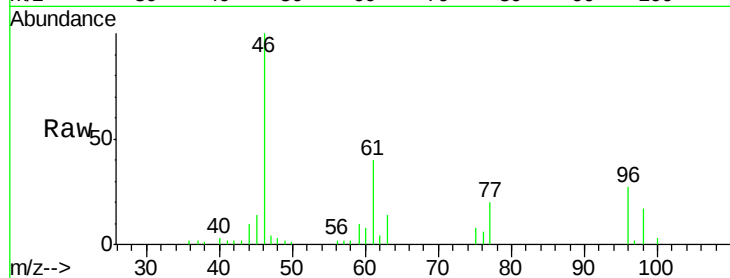
Tot Ion: 96 Resp: 7333

Ion Ratio Lower Upper

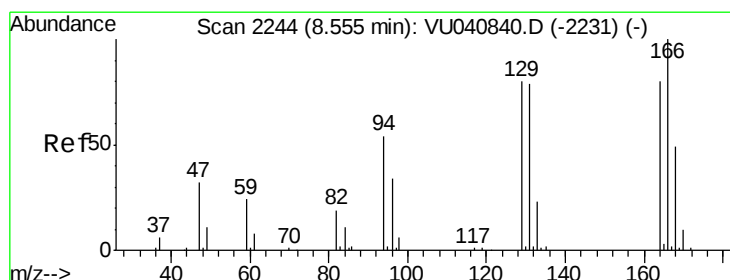
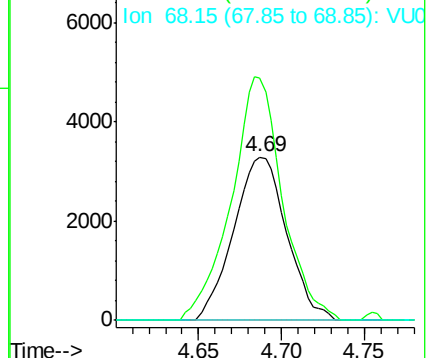
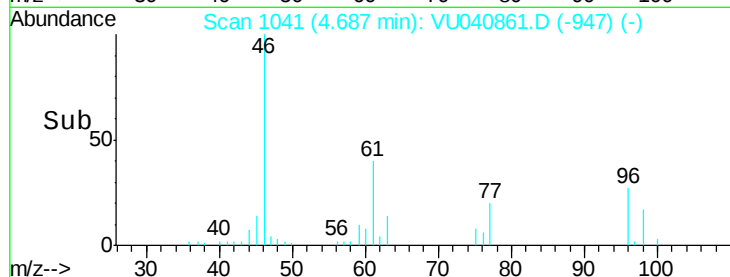
96 100

61 147.9 99.8 185.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040861.D (-947) (-)



#47

Tetrachloroethene

Concen: 0.158 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040861.D

Acq: 20 Oct 2020 20:39

Tgt Ion: 164 Resp: 1138

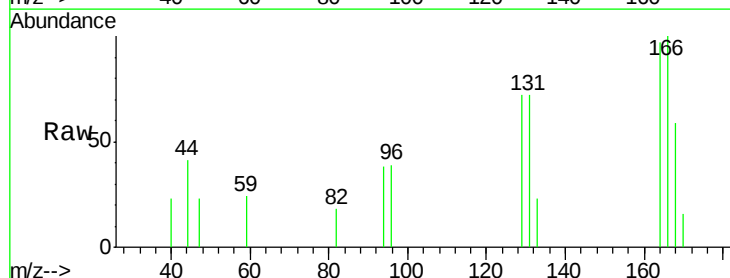
Ion Ratio Lower Upper

164 100

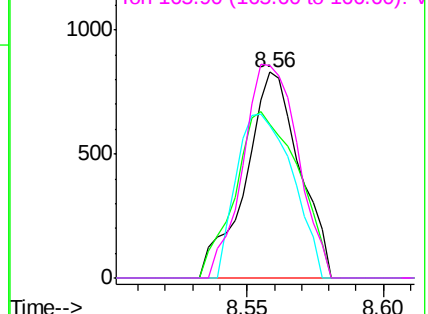
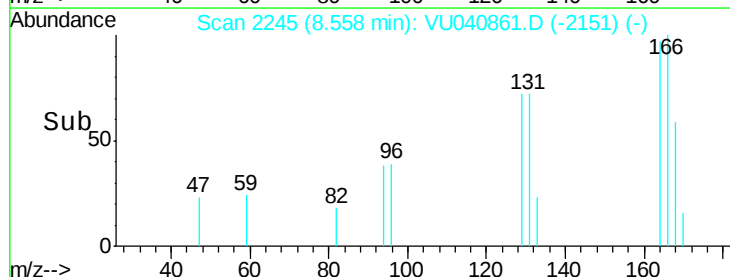
129 74.6 68.8 127.8

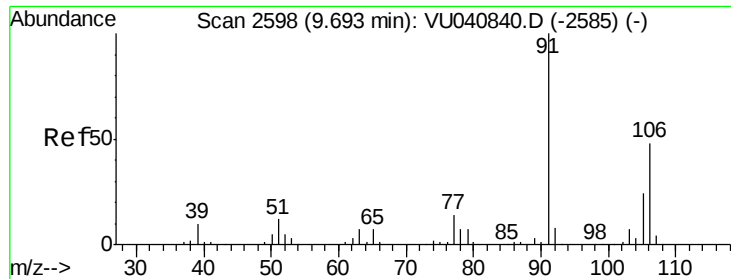
131 74.1 66.7 123.9

166 103.3 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): VU040861.D (-2151) (-)





#53

m,p-Xylene

Concen: 0.099 ug/L

RT: 9.70 min Scan# 2600

Delta R.T. 0.01 min

Lab File: VU040861.D

Acq: 20 Oct 2020 20:39

Instrument :

MSVOA_U

ClientSampleId :

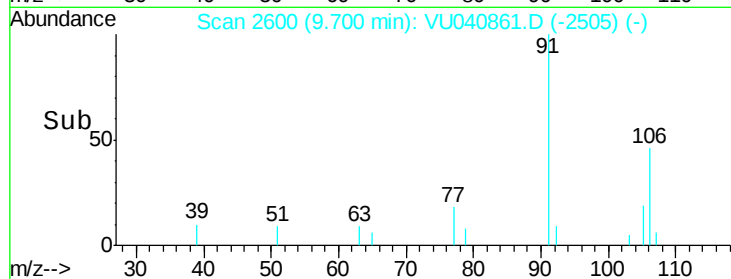
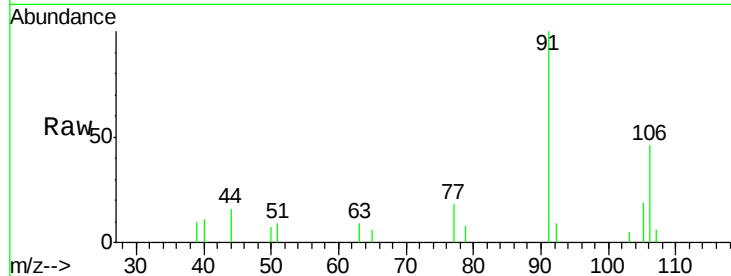
ETZ52

Tot Ion:106 Resp: 1548

Ion Ratio Lower Upper

106 100

91 215.6 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

