

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101520\
 Data File : VU040735.D
 Acq On : 15 Oct 2020 20:56
 Operator : SY/MD
 Sample : L4354-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ18

Quant Time: Oct 16 06:15:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 04:23:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112365	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115398	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41086	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.92	69	35502	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	63370	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	170367	57.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.36%
24) Chloroform-d	5.08	84	87287	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.72	65	52722	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.74	84	154559	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	51442	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	119243	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	19818	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	110732	49.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48143	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51395	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

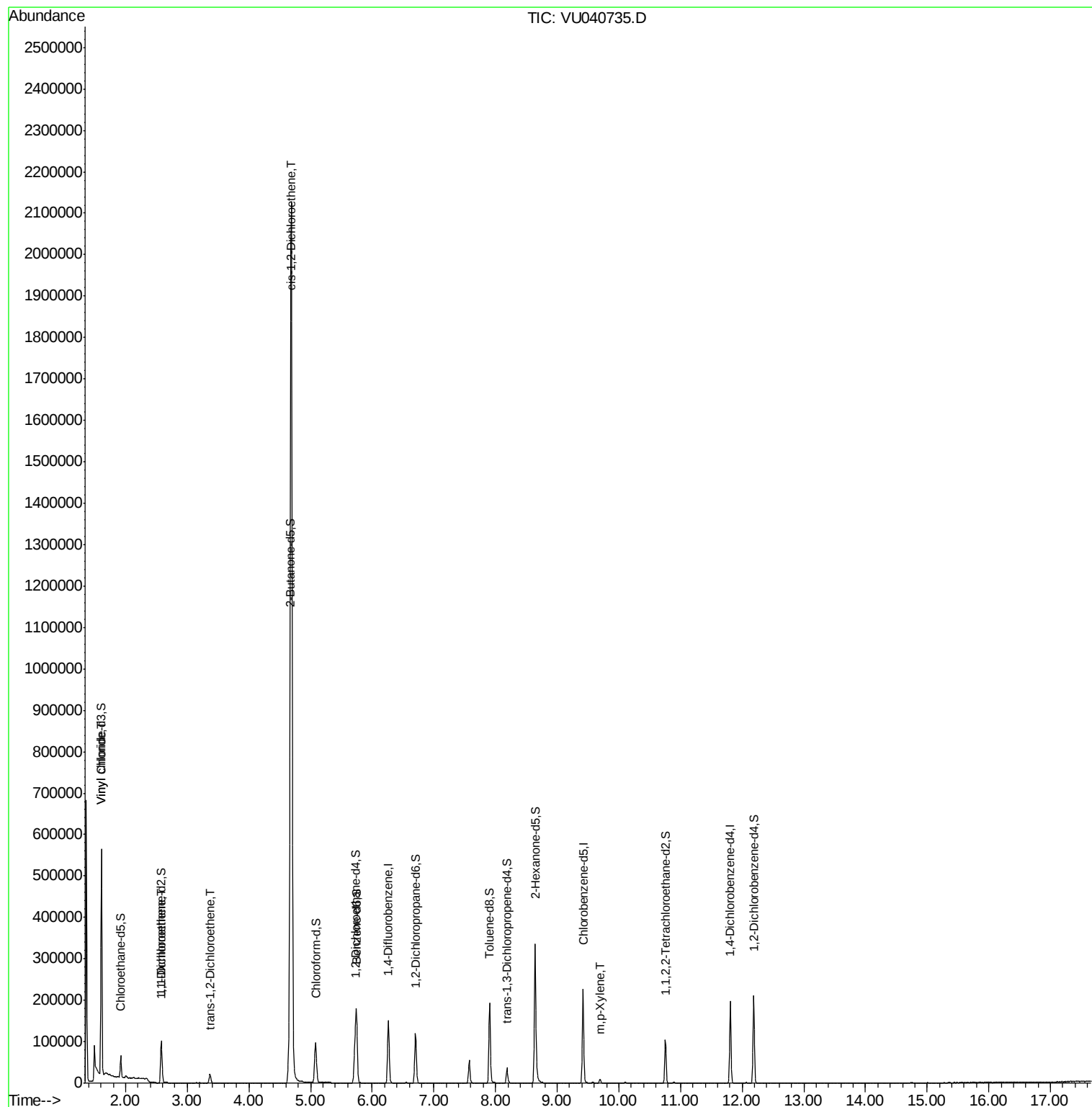
					Ovalue
5) Vinyl chloride	1.61	62	299923	29.913 ug/L	97
12) 1,1-Dichloroethene	2.59	96	2912	0.363 ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	7961	0.949 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	1026562	113.426 ug/L	98
53) m,p-Xylene	9.69	106	2474	0.166 ug/L	91

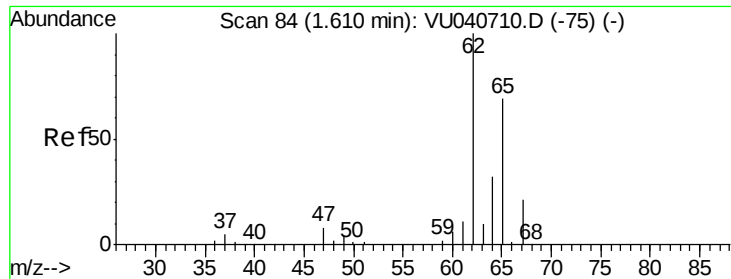
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 29.913 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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ClientSampleId :

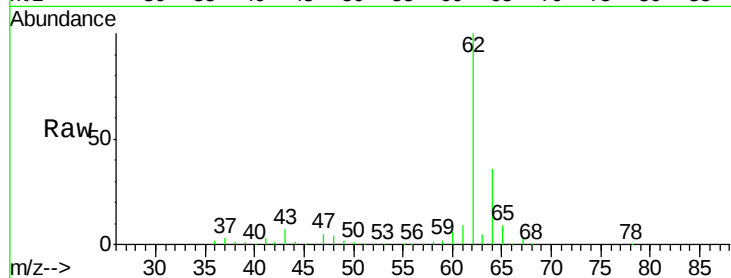
ETZ18

Tot Ion: 62 Resp: 299923

Ion Ratio Lower Upper

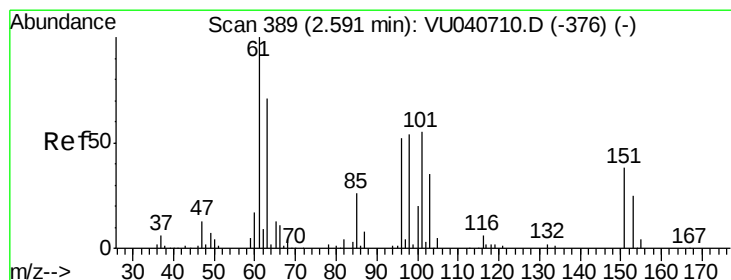
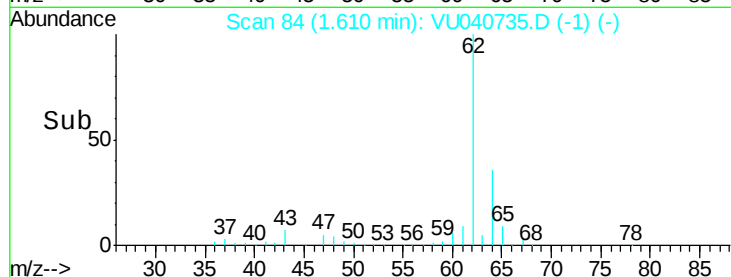
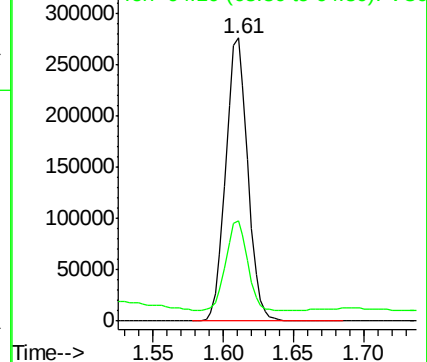
62 100

64 35.6 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#12

1,1-Dichloroethene

Concen: 0.363 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040735.D

Acq: 15 Oct 2020 20:56

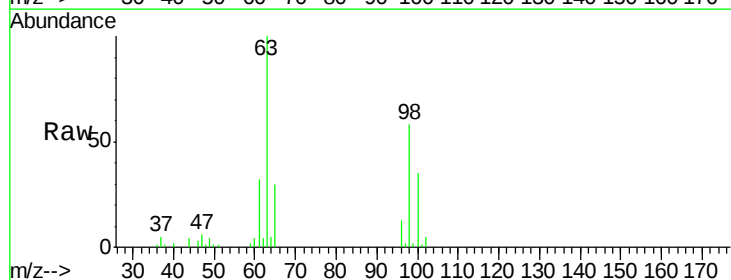
Tgt Ion: 96 Resp: 2912

Ion Ratio Lower Upper

96 100

61 248.5 128.8 239.2#

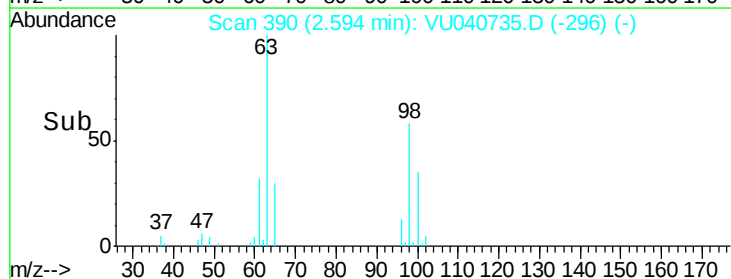
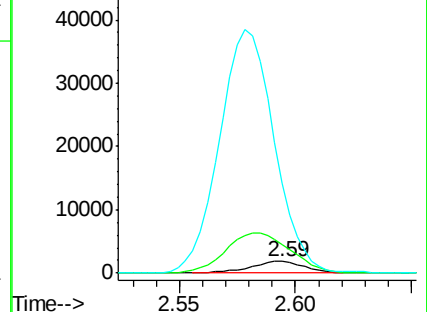
63 765.3 84.6 157.2#

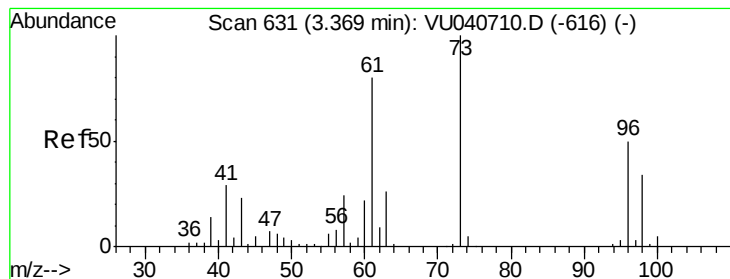


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.949 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040735.D

Acq: 15 Oct 2020 20:56

Instrument :

MSVOA_U

ClientSampleId :

ETZ18

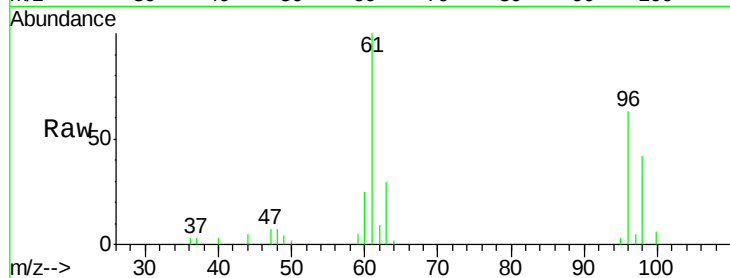
Tot Ion: 96 Resp: 7961

Ion Ratio Lower Upper

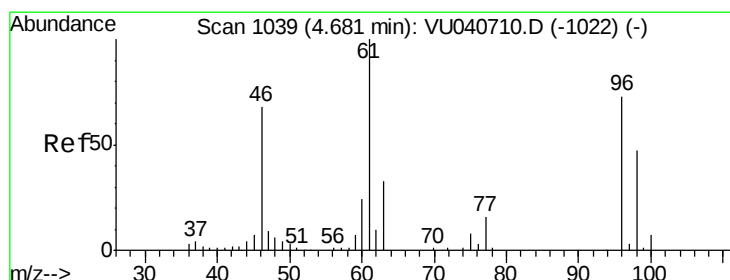
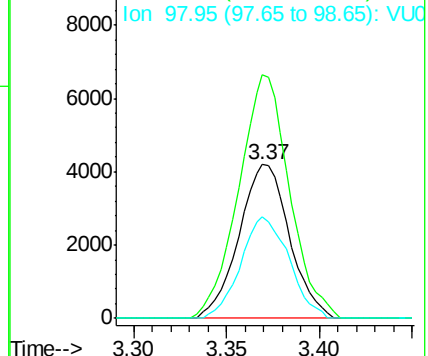
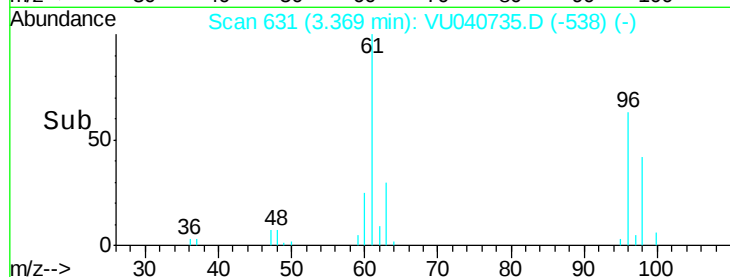
96 100

61 158.6 105.9 196.7

98 65.9 43.8 81.3



Abundance Ion 96.00 (95.70 to 96.70): VU040735.D (-538) (-)



#22

cis-1,2-Dichloroethene

Concen: 113.426 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU040735.D

Acq: 15 Oct 2020 20:56

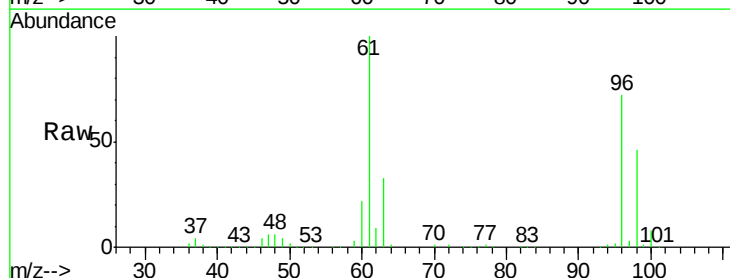
Tgt Ion: 96 Resp: 1026562

Ion Ratio Lower Upper

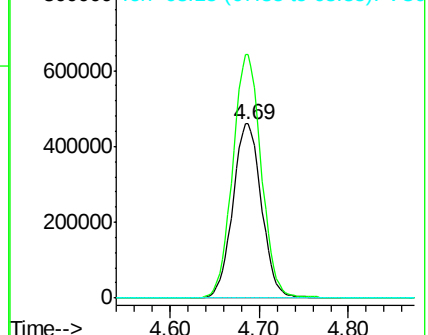
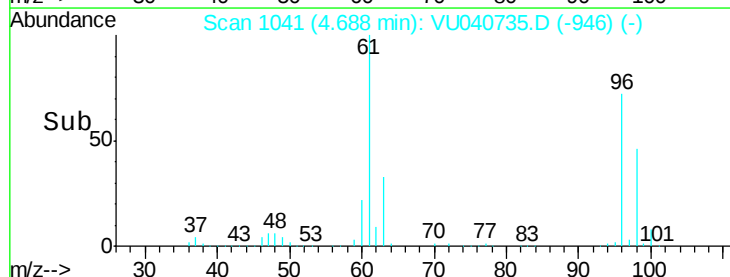
96 100

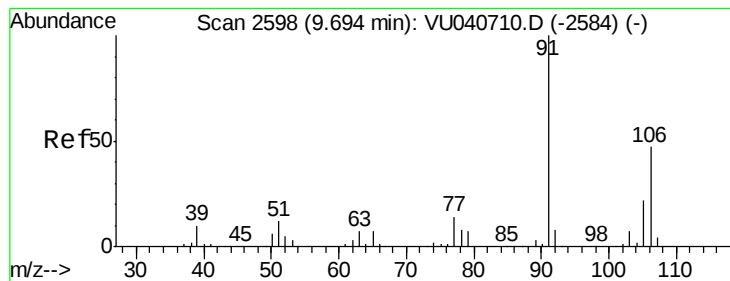
61 139.6 99.8 185.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040735.D (-946) (-)





#53

m,p-Xylene

Concen: 0.166 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040735.D

Acq: 15 Oct 2020 20:56

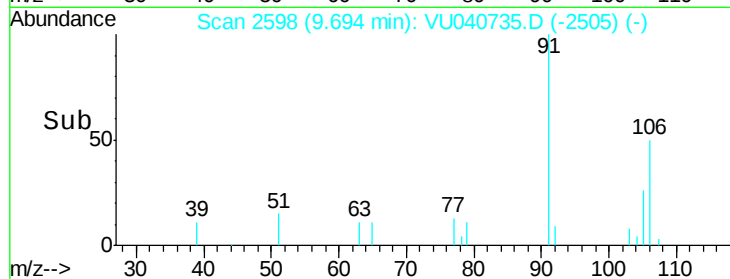
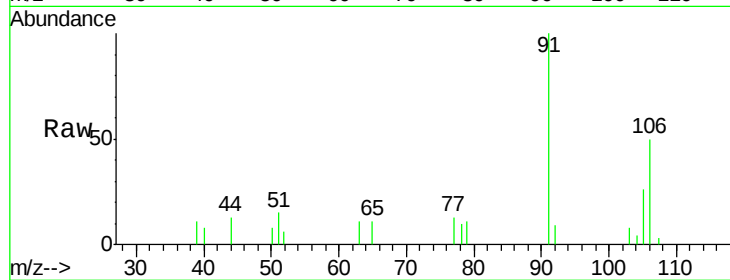
Instrument :
MSVOA_U
ClientSampleId :
ETZ18

Tot Ion:106 Resp: 2474

Ion Ratio Lower Upper

106 100

91 198.4 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

