

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040621.D
 Acq On : 10 Oct 2020 06:20
 Operator : SY/MD
 Sample : L4352-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ13

Quant Time: Oct 10 07:46:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130142	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48115	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.92	69	41247	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.58	63	74240	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.66	46	189778	55.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	5.08	84	95528	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	58379	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.75	84	177077	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.70	67	60982	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.91	98	138575	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.19	79	22591	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	128433	50.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52065	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	56398	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

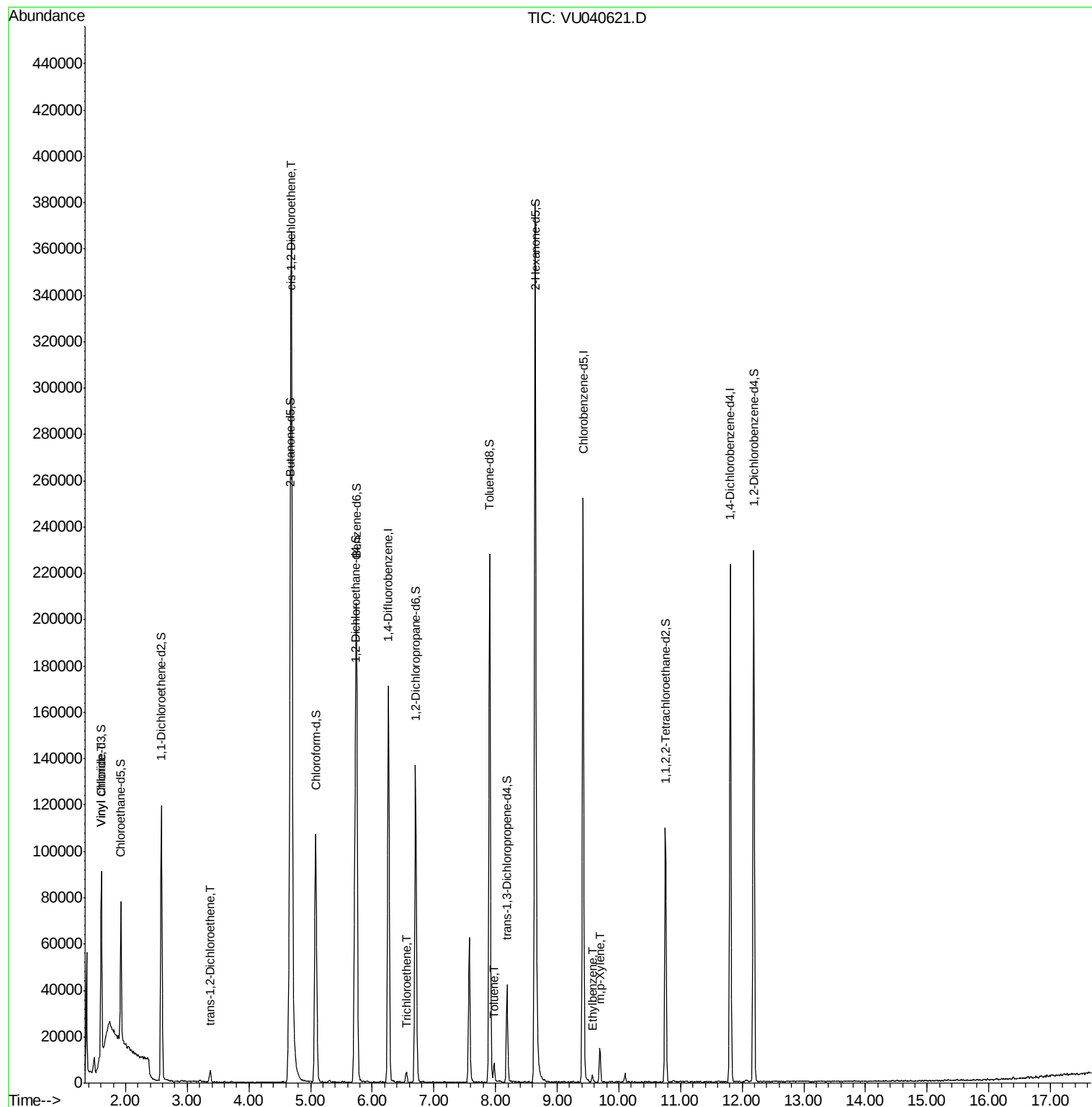
				Ovalue	
5) Vinyl chloride	1.61	62	2660	0.229 ug/L	# 1
18) trans-1,2-Dichloroethene	3.37	96	2166	0.223 ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	154545	14.743 ug/L	98
34) Trichloroethene	6.56	95	1604	0.147 ug/L	# 80
42) Toluene	7.98	91	4909	0.115 ug/L	93
52) Ethylbenzene	9.57	91	2435	0.053 ug/L	89
53) m,p-Xylene	9.70	106	3855	0.228 ug/L	90

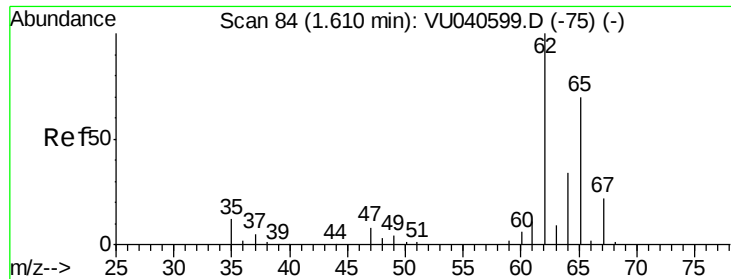
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.229 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040621.D

Acq: 10 Oct 2020 06:20

Instrument :

MSVOA_U

ClientSampled :

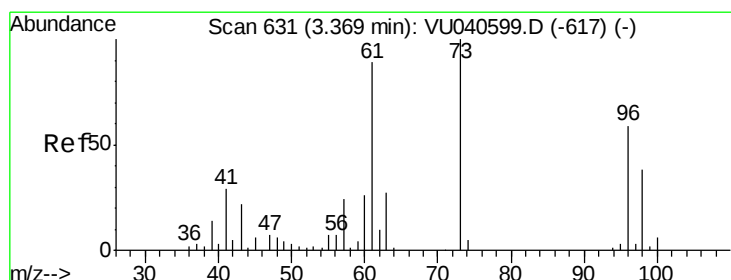
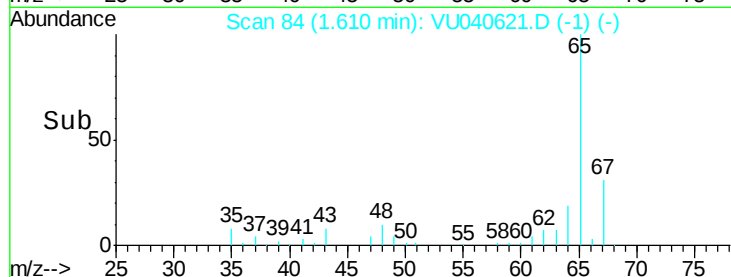
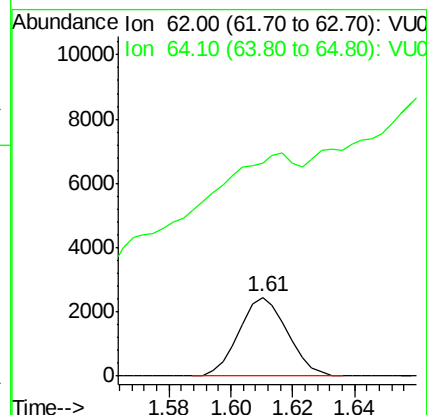
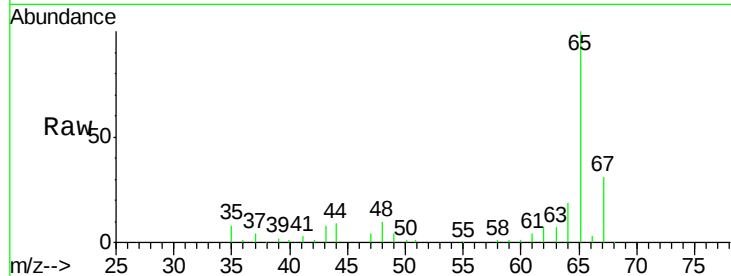
ETZ13

Tot Ion: 62 Resp: 2660

Ion Ratio Lower Upper

62 100

64 270.0 23.7 44.1#



#18

trans-1,2-Dichloroethene

Concen: 0.223 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU040621.D

Acq: 10 Oct 2020 06:20

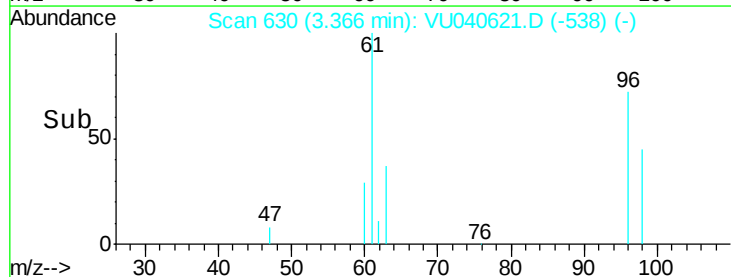
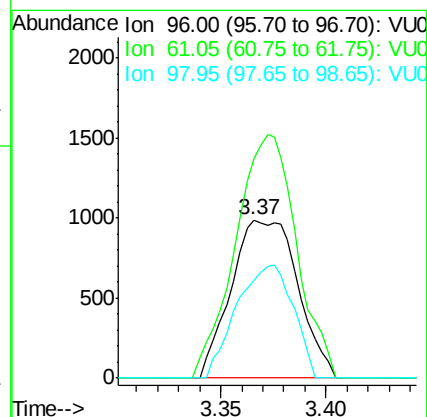
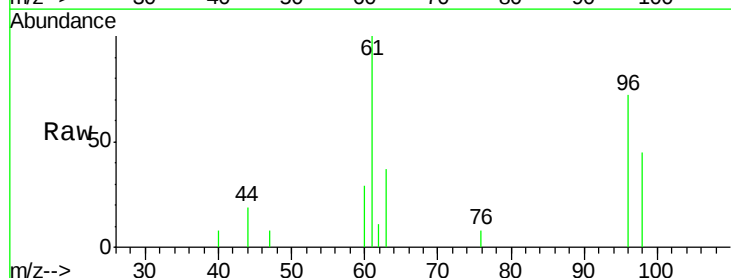
Tgt Ion: 96 Resp: 2166

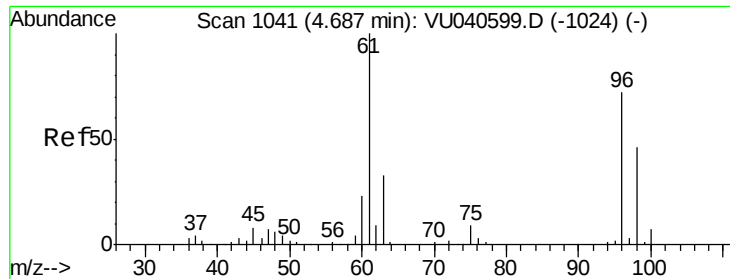
Ion Ratio Lower Upper

96 100

61 138.7 105.9 196.7

98 61.8 43.8 81.3





#22

cis-1,2-Dichloroethene

Concen: 14.743 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040621.D

Acq: 10 Oct 2020 06:20

Instrument :

MSVOA_U

ClientSampleId :

ETZ13

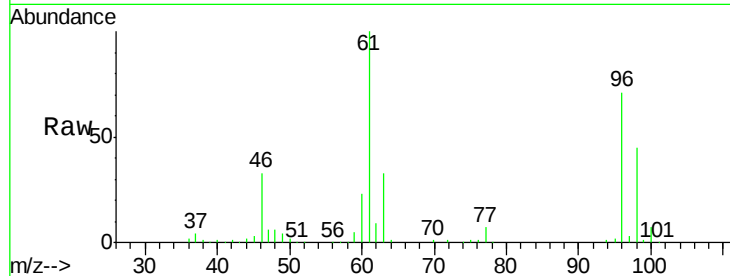
Tot Ion: 96 Resp: 154545

Ion Ratio Lower Upper

96 100

61 140.4 99.8 185.4

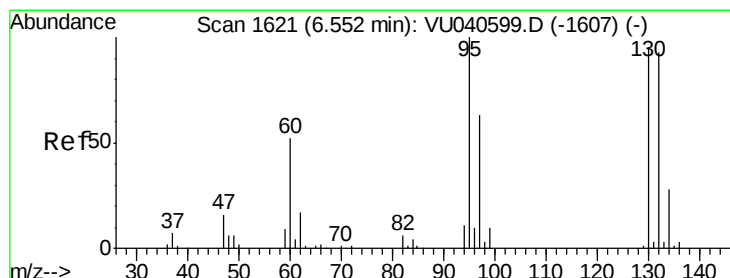
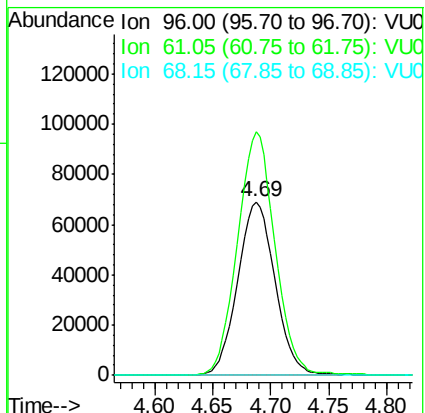
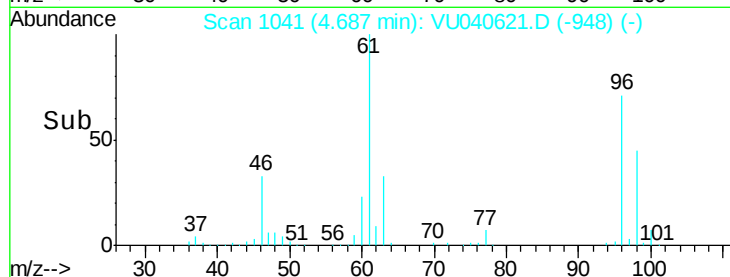
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.147 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040621.D

Acq: 10 Oct 2020 06:20

Tgt Ion: 95 Resp: 1604

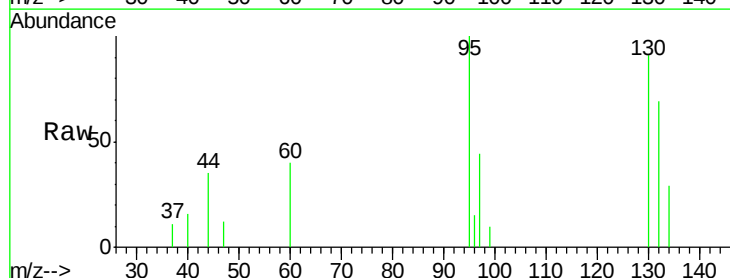
Ion Ratio Lower Upper

95 100

97 43.9 45.5 84.5#

132 69.4 67.5 125.4

130 91.1 69.9 129.9

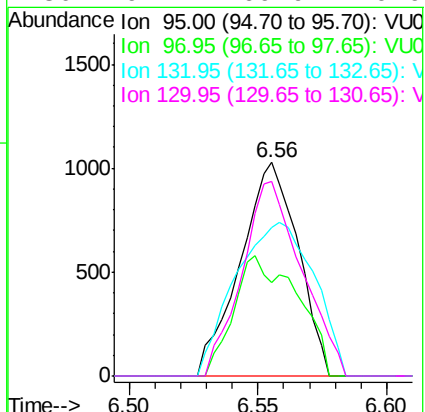
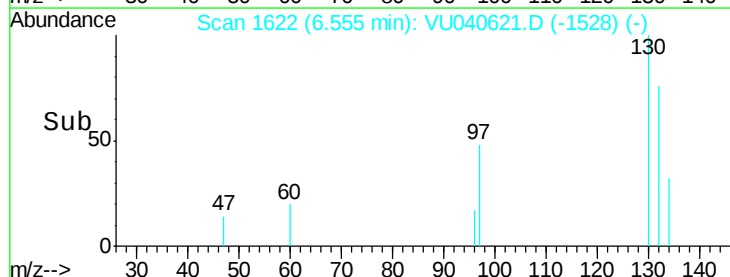


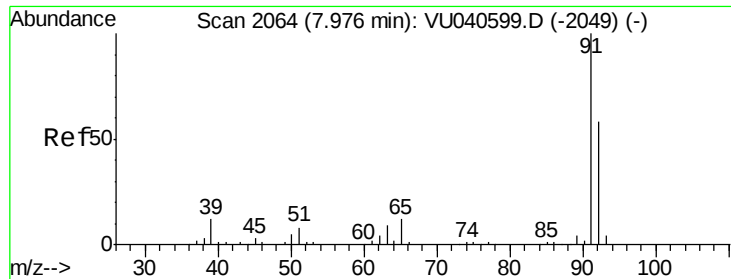
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 0.115 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU040621.D

Acq: 10 Oct 2020 06:20

Instrument :

MSVOA_U

ClientSampleId :

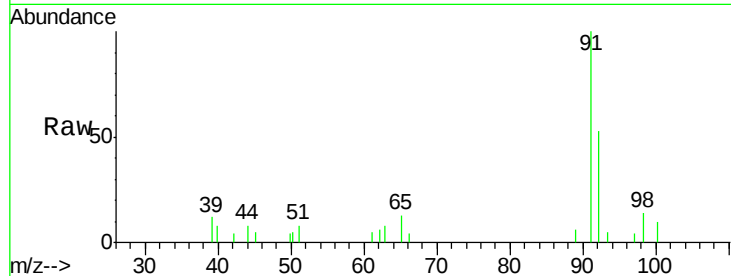
ETZ13

Tot Ion: 91 Resp: 4909

Ion Ratio Lower Upper

91 100

92 52.5 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

3000

2000

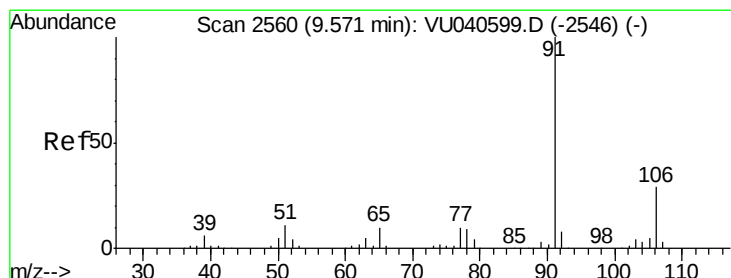
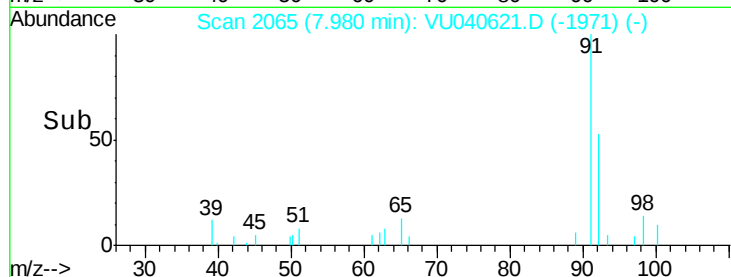
1000

0

7.95

8.00

Time-->



#52

Ethylbenzene

Concen: 0.053 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040621.D

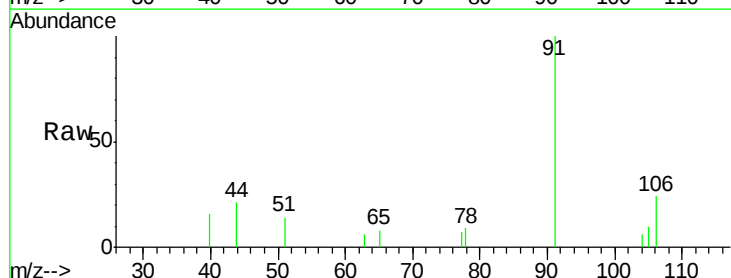
Acq: 10 Oct 2020 06:20

Tgt Ion: 91 Resp: 2435

Ion Ratio Lower Upper

91 100

106 23.6 20.7 38.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

9.57

1500

1000

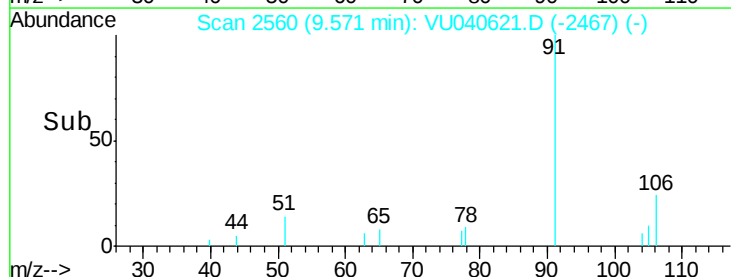
500

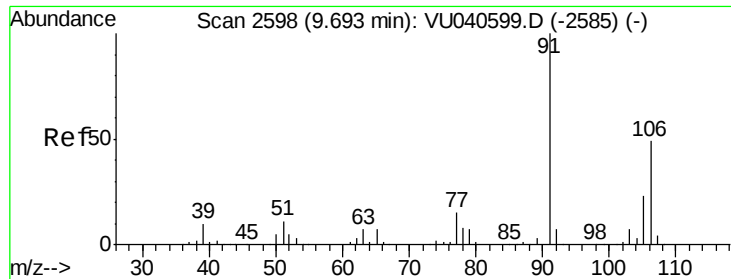
0

9.55

9.60

Time-->





#53

m,p-Xylene

Concen: 0.228 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040621.D

Acq: 10 Oct 2020 06:20

Instrument :
MSVOA_U
ClientSampleId :
ETZ13

Tot Ion:106 Resp: 3855

Ion Ratio Lower Upper

106 100

91 196.8 148.5 275.7

