

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028155.D
 Acq On : 15 Nov 2018 05:40
 Operator : MD/SY
 Sample : J5943-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP3

Quant Time: Nov 15 08:15:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	131913	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	126712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46270	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.68	69	38045	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.28	63	68832	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.22	46	175765	55.36	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	4.65	84	85783	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	49494	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.34	84	172388	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.33	67	64776	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.57	98	152056	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	19555	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.32	63	140610	53.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45182	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	54223	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

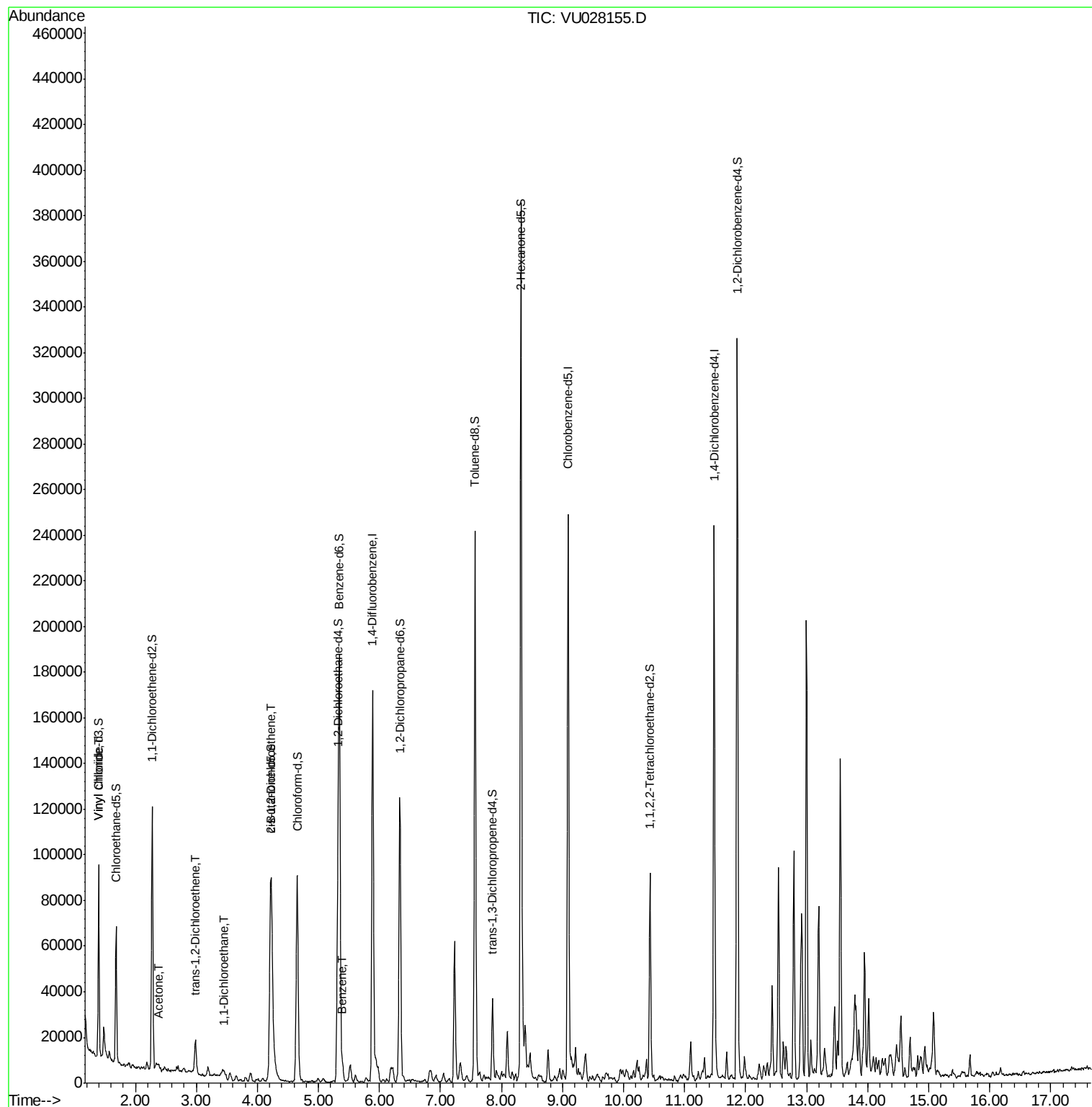
					Ovalue
5) Vinyl chloride	1.40	62	7543	0.534 ug/L	# 80
13) Acetone	2.37	43	5328	2.492 ug/L	76
18) trans-1,2-Dichloroethene	2.99	96	4437	0.476 ug/L	89
19) 1,1-Dichloroethane	3.45	63	2538	0.129 ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	10456	1.017 ug/L	98
33) Benzene	5.40	78	6912	0.162 ug/L	100

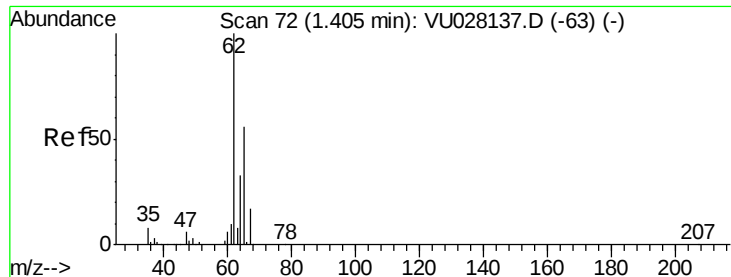
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.534 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028155.D

Acq: 15 Nov 2018 05:40

Instrument :

MSVOA_U

ClientSampled :

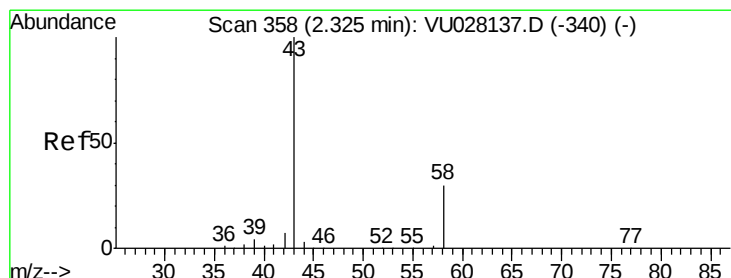
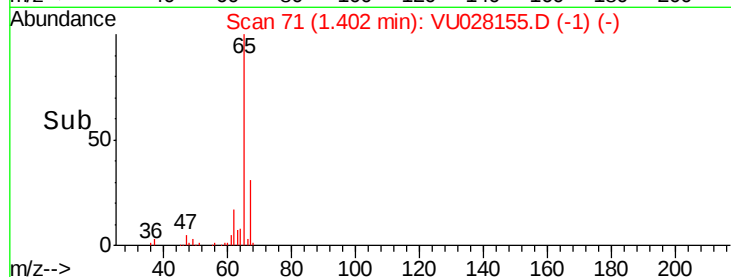
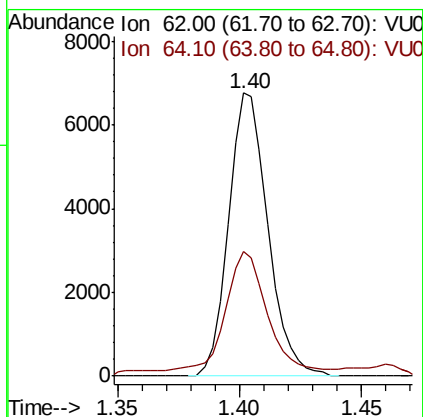
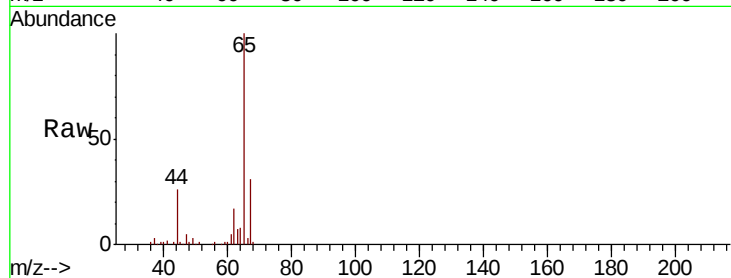
H0FP3

Tot Ion: 62 Resp: 7543

Ion Ratio Lower Upper

62 100

64 44.0 22.7 42.3#



#13

Acetone

Concen: 2.492 ug/L

RT: 2.37 min Scan# 371

Delta R.T. 0.04 min

Lab File: VU028155.D

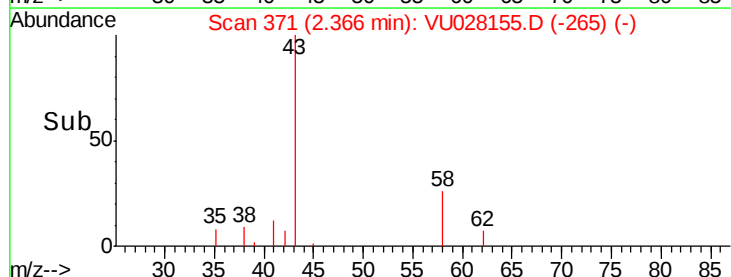
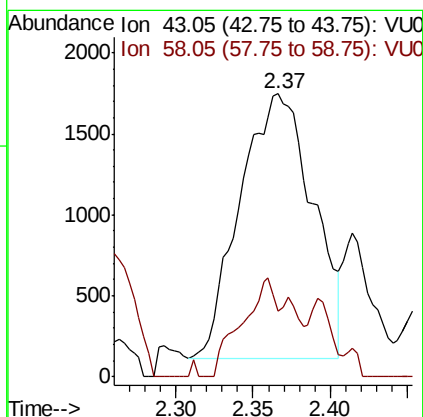
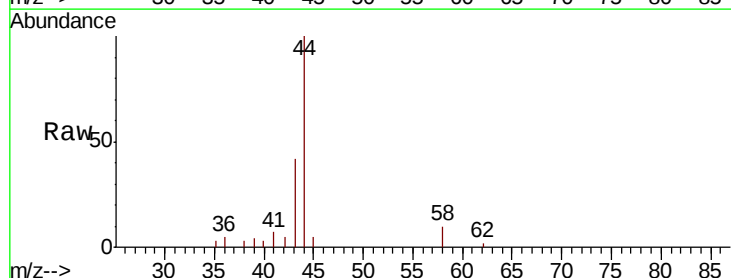
Acq: 15 Nov 2018 05:40

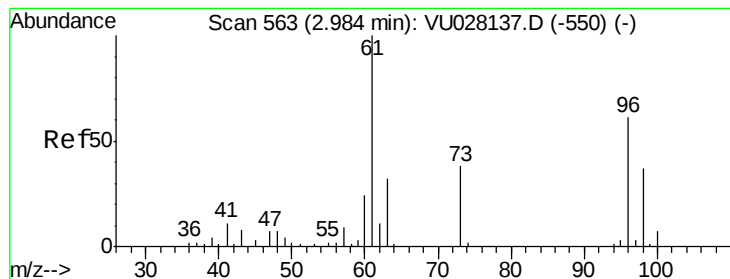
Tgt Ion: 43 Resp: 5328

Ion Ratio Lower Upper

43 100

58 17.8 0.0 61.6





#18

trans-1,2-Dichloroethene

Concen: 0.476 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU028155.D

Acq: 15 Nov 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

H0FP3

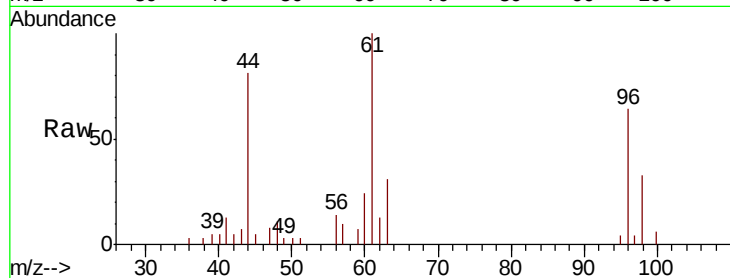
Tot Ion: 96 Resp: 4437

Ion Ratio Lower Upper

96 100

61 157.2 118.5 220.1

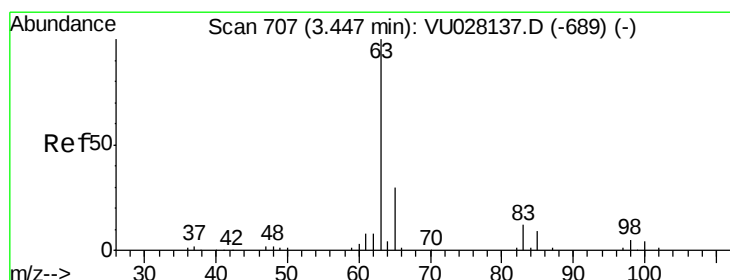
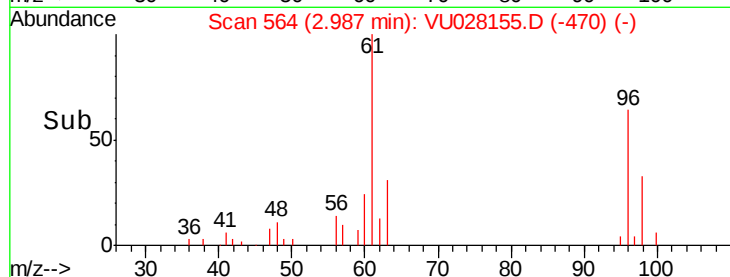
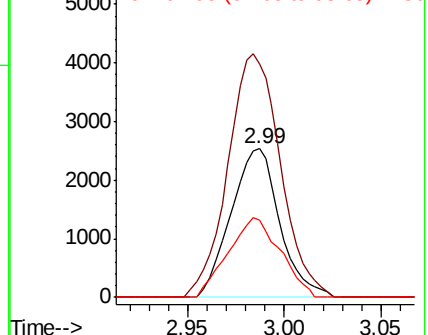
98 51.8 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#19

1,1-Dichloroethane

Concen: 0.129 ug/L

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU028155.D

Acq: 15 Nov 2018 05:40

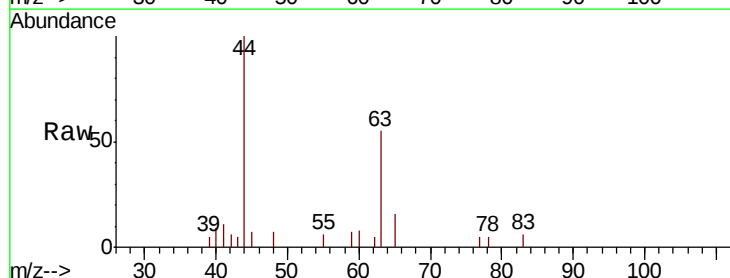
Tgt Ion: 63 Resp: 2538

Ion Ratio Lower Upper

63 100

65 28.1 22.2 41.2

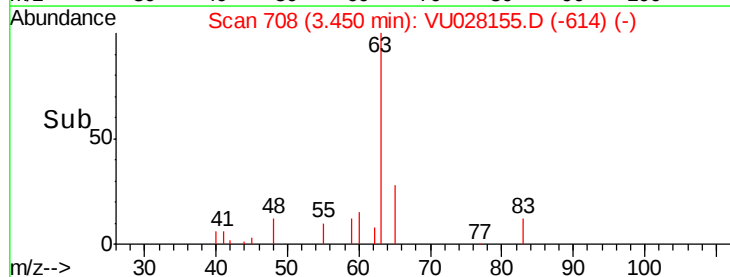
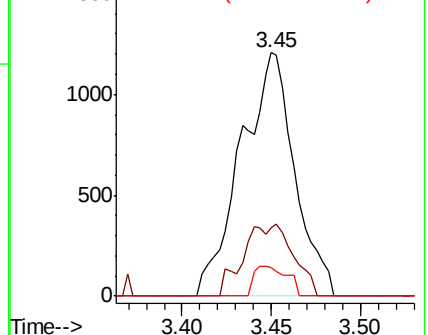
83 11.6 8.9 16.5

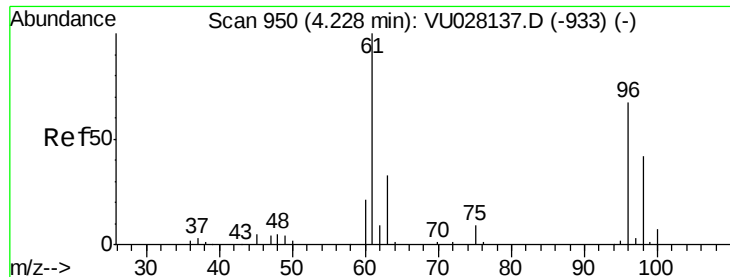


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.017 ug/L

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028155.D

Acq: 15 Nov 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

H0FP3

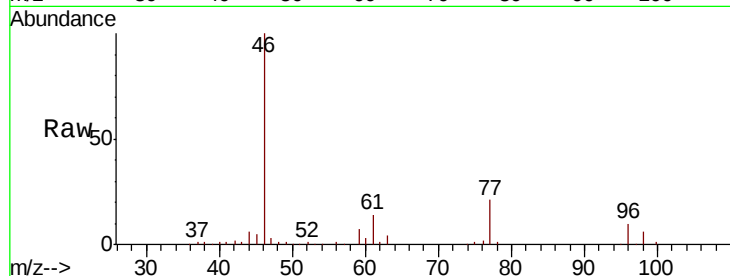
Tot Ion: 96 Resp: 10456

Ion Ratio Lower Upper

96 100

61 148.2 101.8 189.0

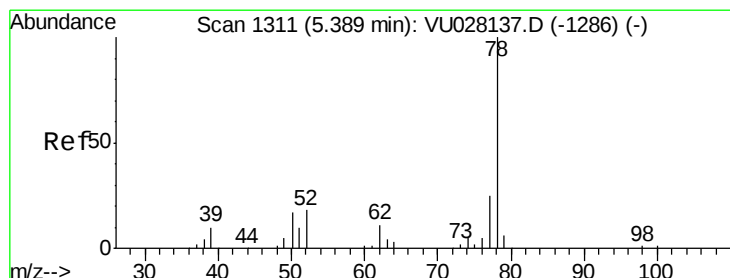
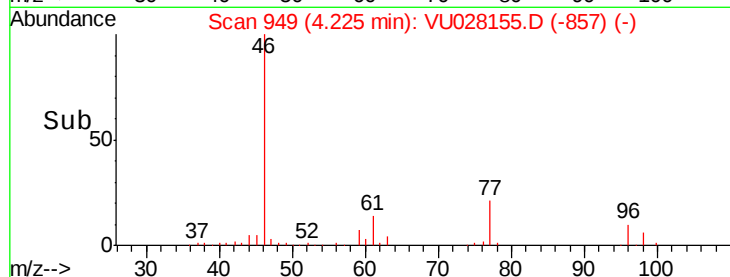
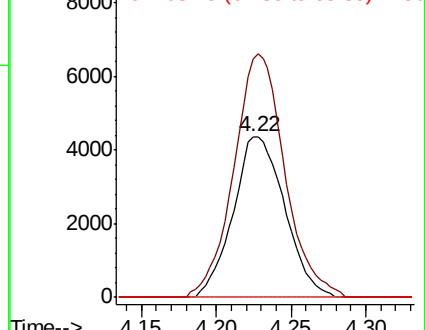
68 0.0 0.0 0.0



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



#33

Benzene

Concen: 0.162 ug/L

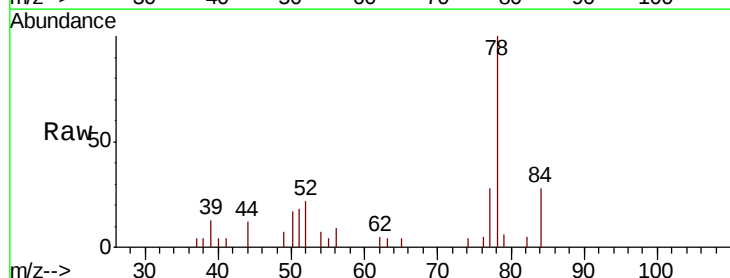
RT: 5.40 min Scan# 1313

Delta R.T. 0.01 min

Lab File: VU028155.D

Acq: 15 Nov 2018 05:40

Tgt Ion: 78 Resp: 6912



Abundance Ion 78.10 (77.80 to 78.80): VU0

