

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026804.D
 Acq On : 16 Sep 2018 03:14
 Operator : MD/SY
 Sample : J4918-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY1

Quant Time: Sep 17 07:45:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	107719	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	84628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	32273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40021	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.68	69	35502	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.28	63	71033	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.20	46	97829	54.18	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	4.65	84	71448	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.31	65	40024	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.34	84	141598	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
36) 1,2-Dichloropropane-d6	6.33	67	47331	6.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.40%
41) Toluene-d8	7.57	98	96495	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	13284	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.32	63	57405	51.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34451	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	36543	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

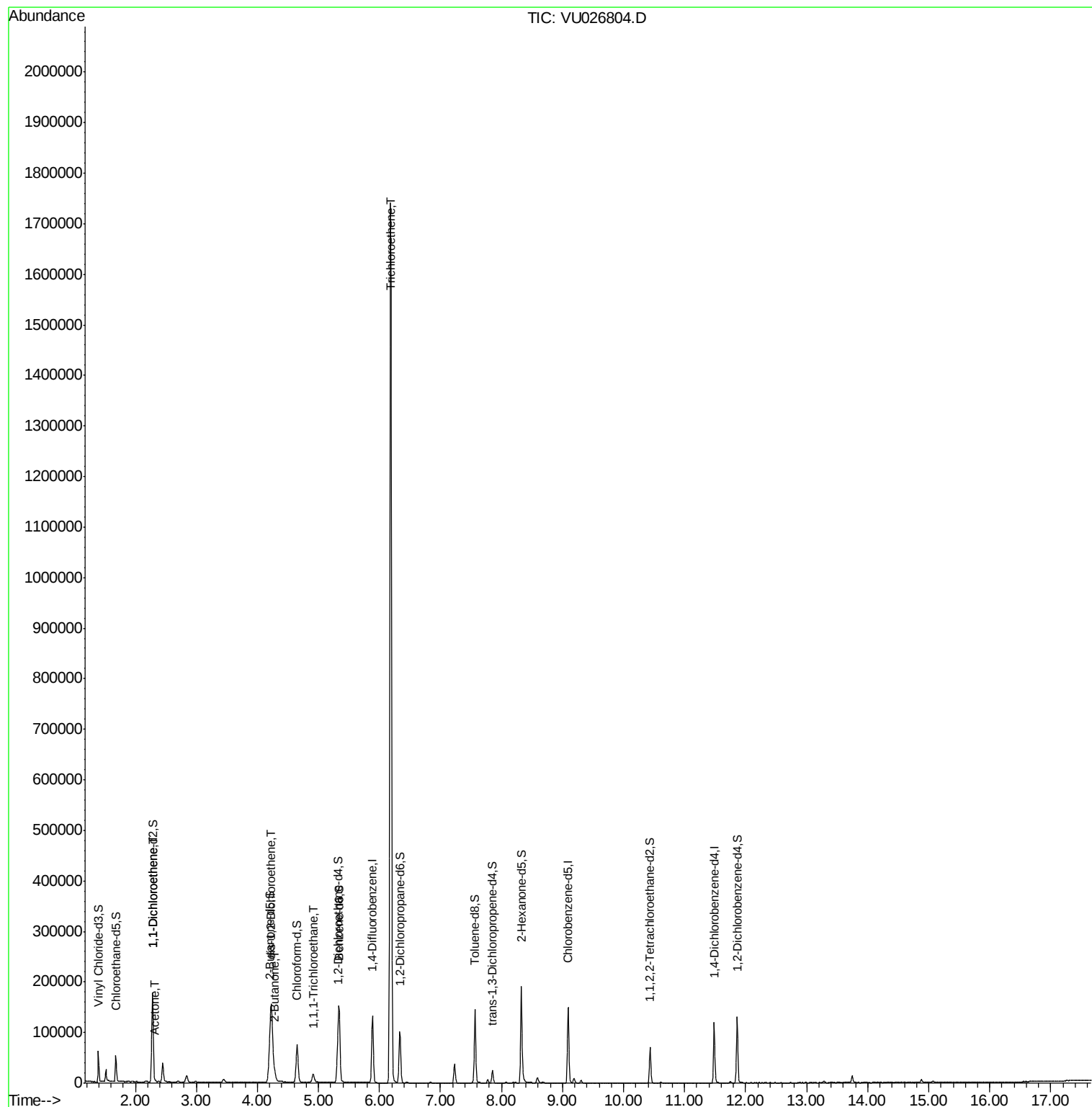
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.29	96	37782	4.71	ug/L 95
13) Acetone	2.32	43	2719	1.69	ug/L 98
21) 2-Butanone	4.29	43	18032	6.80	ug/L 96
22) cis-1,2-Dichloroethene	4.23	96	62975	6.61	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	12474	1.02	ug/L 98
34) Trichloroethene	6.18	95	572657	70.94	ug/L 99

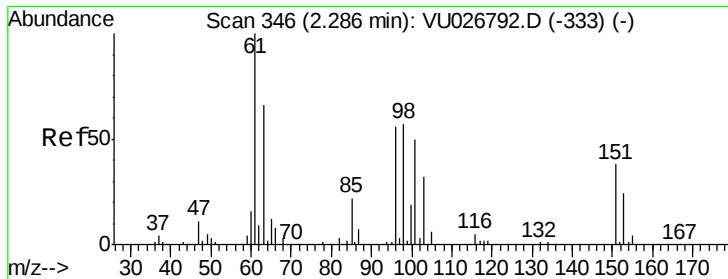
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.71 ug/L

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026804.D

Acq: 16 Sep 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

C0KY1

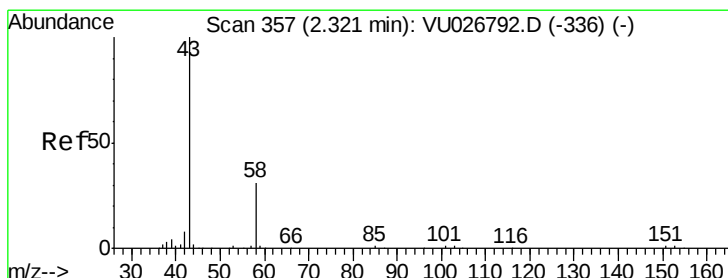
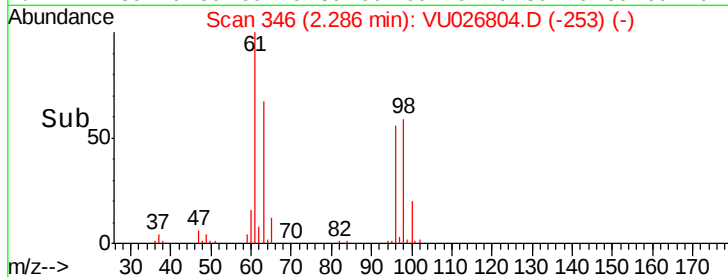
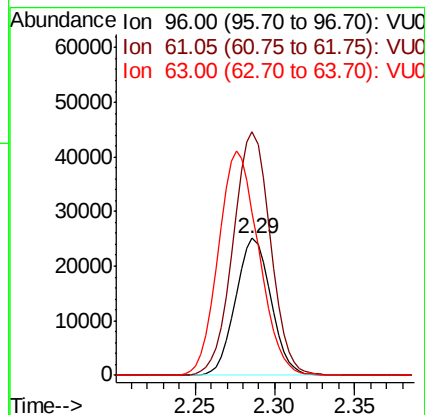
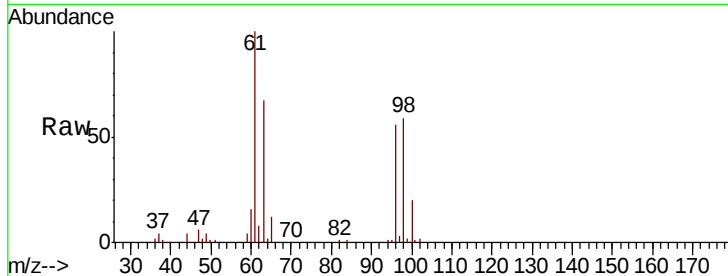
Tot Ion: 96 Resp: 37782

Ion Ratio Lower Upper

96 100

61 177.7 126.6 235.2

63 119.2 91.3 169.5



#13

Acetone

Concen: 1.69 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU026804.D

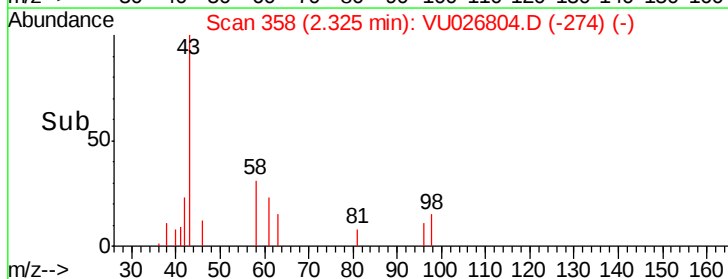
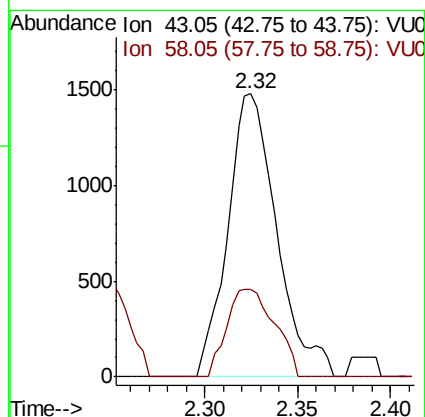
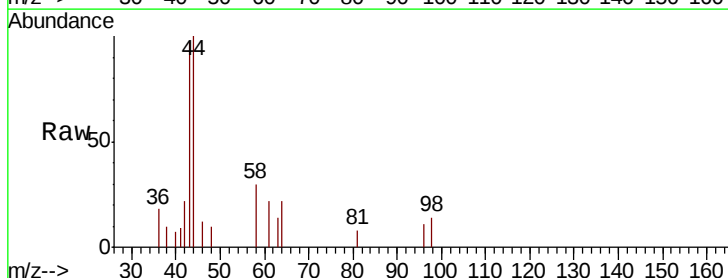
Acq: 16 Sep 2018 03:14

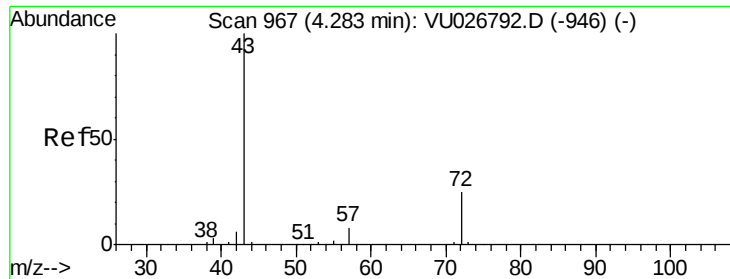
Tgt Ion: 43 Resp: 2719

Ion Ratio Lower Upper

43 100

58 30.2 0.0 63.0





#21

2-Butanone

Concen: 6.80 ug/L

RT: 4.29 min Scan# 968

Delta R.T. -0.02 min

Lab File: VU026804.D

Acq: 16 Sep 2018 03:14

Instrument :

MSVOA_U

ClientSampled :

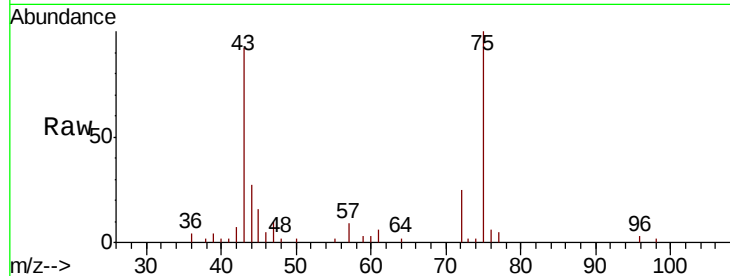
C0KY1

Tot Ion: 43 Resp: 18032

Ion Ratio Lower Upper

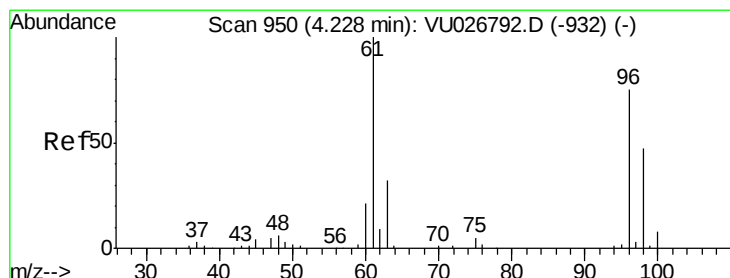
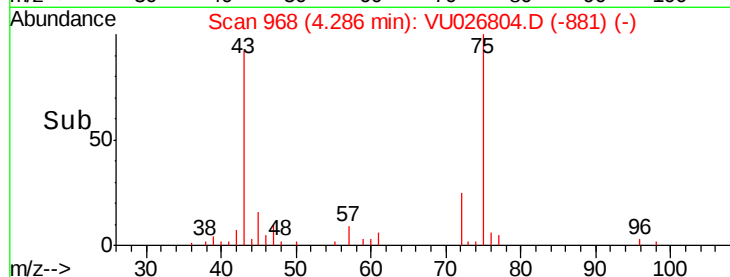
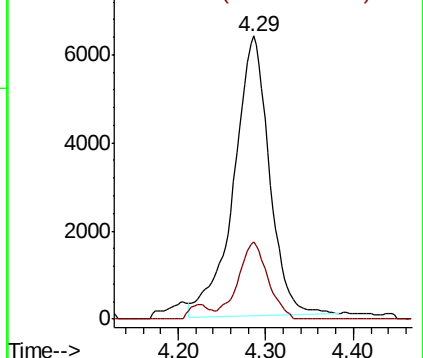
43 100

72 23.1 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 6.61 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026804.D

Acq: 16 Sep 2018 03:14

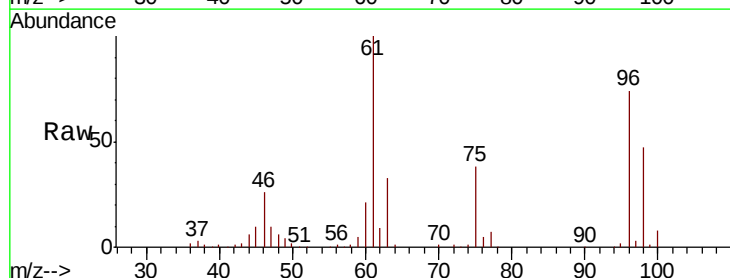
Tgt Ion: 96 Resp: 62975

Ion Ratio Lower Upper

96 100

61 134.6 94.4 175.2

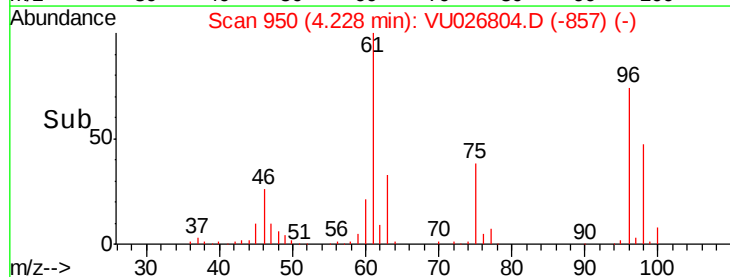
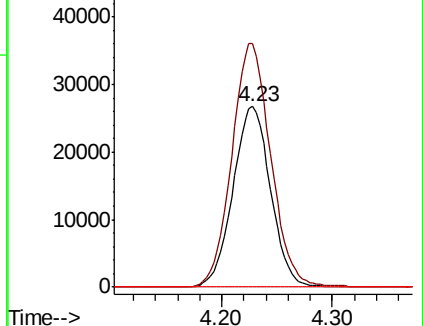
68 0.0 0.0 0.0

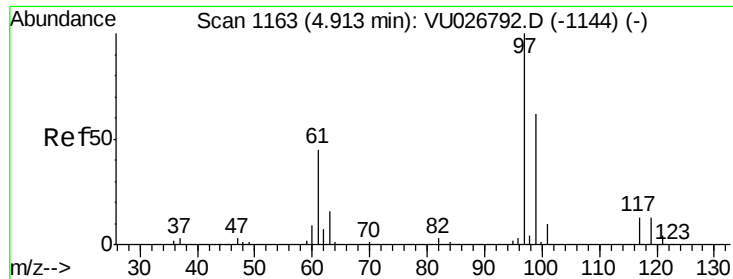


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

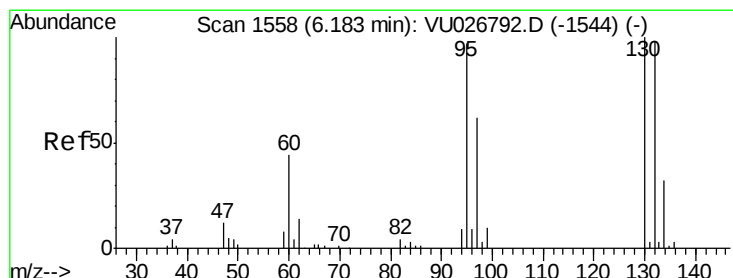
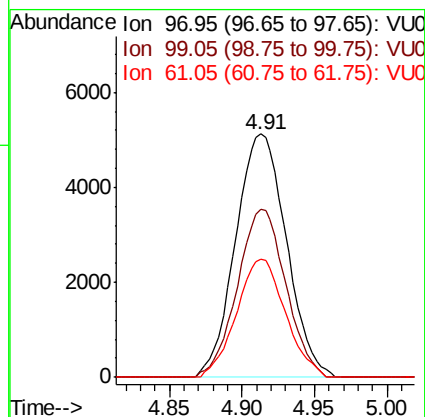
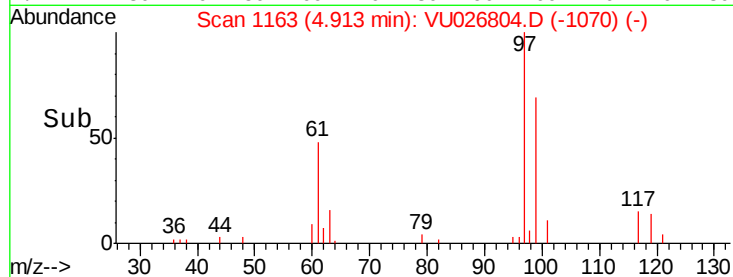
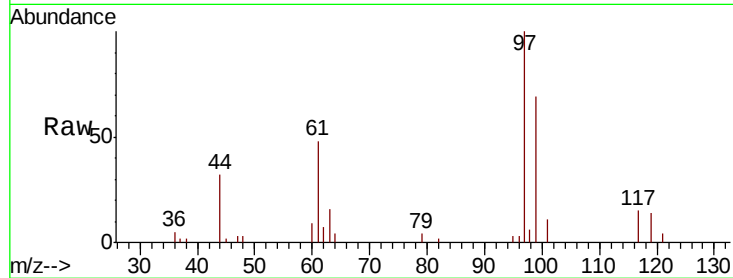




#29
1,1,1-Trichloroethane
Concen: 1.02 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU026804.D
Acq: 16 Sep 2018 03:14

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Tot Ion: 97 Resp: 12474
Ion Ratio Lower Upper
97 100
99 65.8 51.5 77.3
61 46.7 36.6 54.8



#34
Trichloroethene
Concen: 70.94 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU026804.D
Acq: 16 Sep 2018 03:14

Tgt Ion: 95 Resp: 572657
Ion Ratio Lower Upper
95 100
97 65.0 45.1 83.9
132 101.7 72.0 133.8
130 105.9 73.1 135.7

