

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031192.D
 Acq On : 14 Apr 2019 05:55
 Operator : JC/SP
 Sample : K2409-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC30

Quant Time: Apr 15 04:07:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 01:39:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	364815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	346911	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	132946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	191401	58.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.54%
7) Chloroethane-d5	1.68	69	170771	69.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	138.18%#
11) 1,1-Dichloroethene-d2	2.27	63	322324	54.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.44%
21) 2-Butanone-d5	4.17	46	256889	99.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.53%
24) Chloroform-d	4.64	84	259684	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.30	65	183568	54.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.16%
32) Benzene-d6	5.33	84	491445	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
36) 1,2-Dichloropropane-d6	6.32	67	173011	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.70%
41) Toluene-d8	7.56	98	382940	42.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.32%
43) trans-1,3-Dichloropropene-	7.85	79	62685	39.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.22%
47) 2-Hexanone-d5	8.31	63	144117	90.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	251714	53.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	135536	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

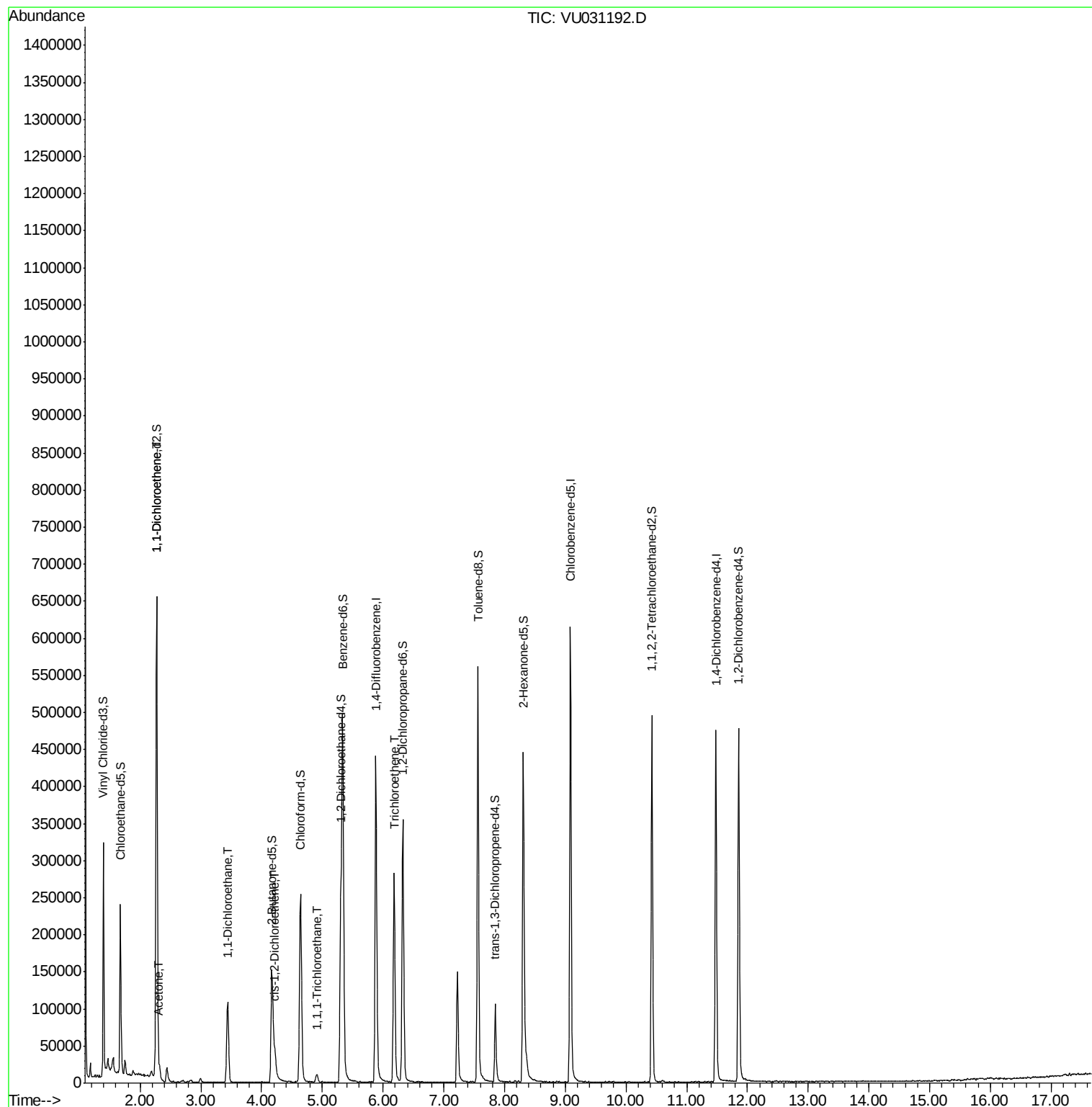
					Ovalue
12) 1,1-Dichloroethene	2.28	96	102772	40.754	ug/L 88
13) Acetone	2.32	43	14531	5.502	ug/L 90
19) 1,1-Dichloroethane	3.44	63	120858	21.872	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	12256	4.145	ug/L 84
30) 1,1,1-Trichloroethane	4.91	97	8186	1.936	ug/L # 69
34) Trichloroethene	6.18	95	101427	36.427	ug/L 96

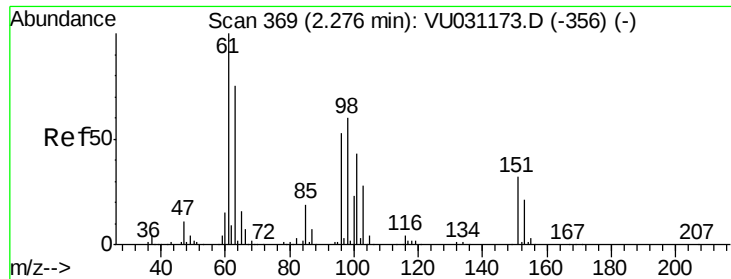
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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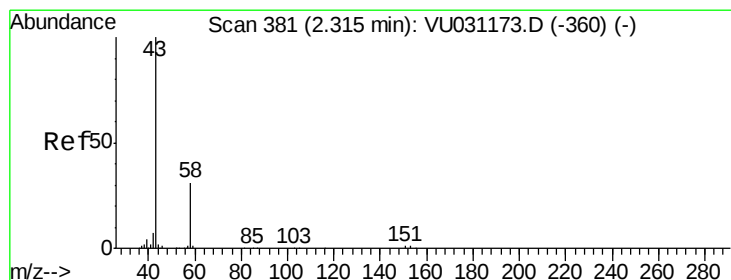
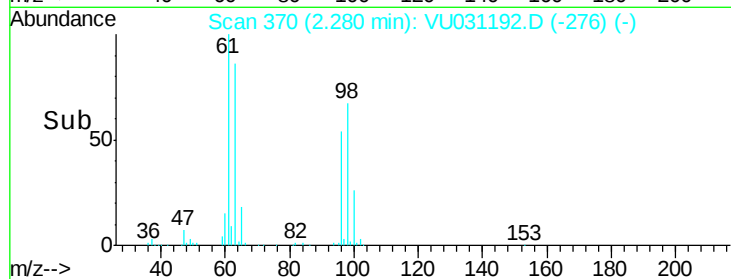
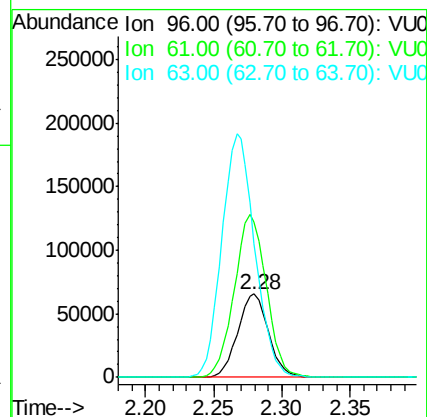
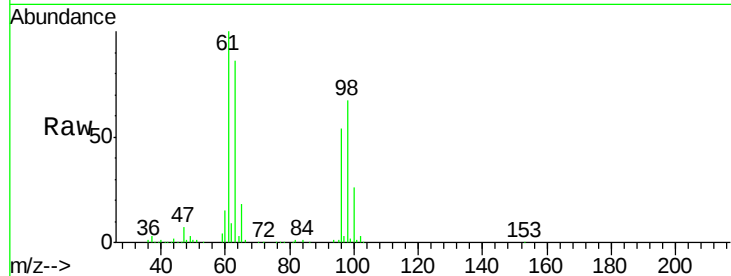




#12
 1,1-Dichloroethene
 Concen: 40.754 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VU031192.D
 Acq: 14 Apr 2019 05:55

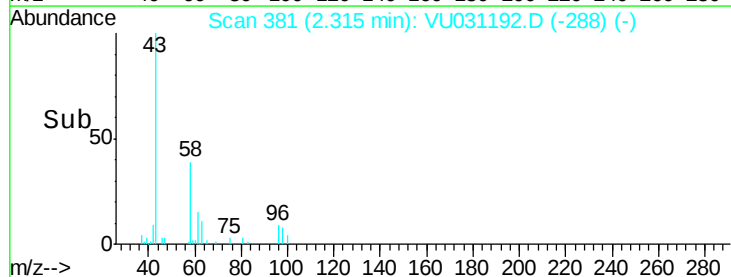
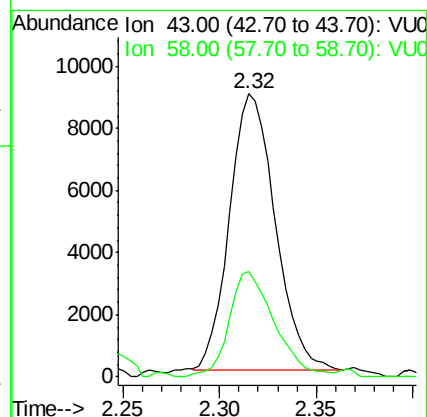
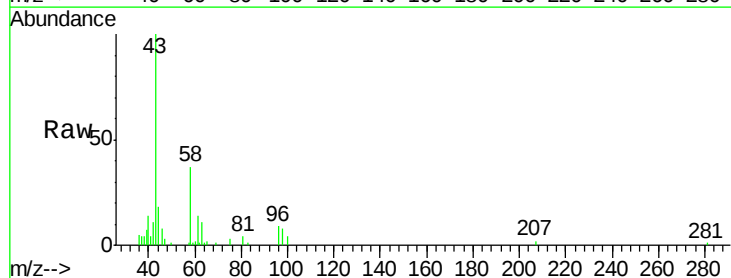
Instrument :
 MSVOA_U
 ClientSampleId :
 BFC30

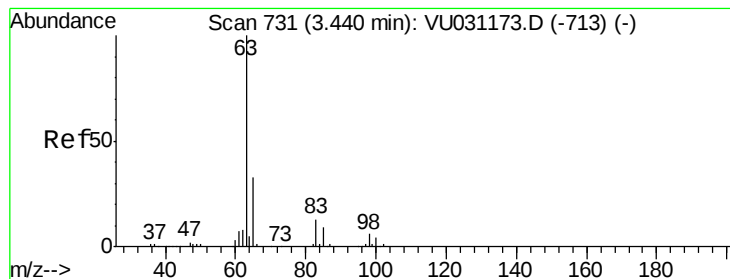
Tot Ion: 96 Resp: 102772
 Ion Ratio Lower Upper
 96 100
 61 185.7 132.0 245.2
 63 160.4 90.9 168.9



#13
 Acetone
 Concen: 5.502 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VU031192.D
 Acq: 14 Apr 2019 05:55

Tgt Ion: 43 Resp: 14531
 Ion Ratio Lower Upper
 43 100
 58 37.8 0.0 64.0





#19

1,1-Dichloroethane

Concen: 21.872 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU031192.D

Acq: 14 Apr 2019 05:55

Instrument :

MSVOA_U

ClientSampleId :

BFC30

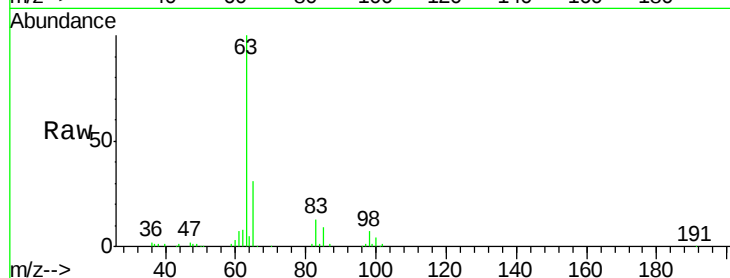
Tot Ion: 63 Resp: 120858

Ion Ratio Lower Upper

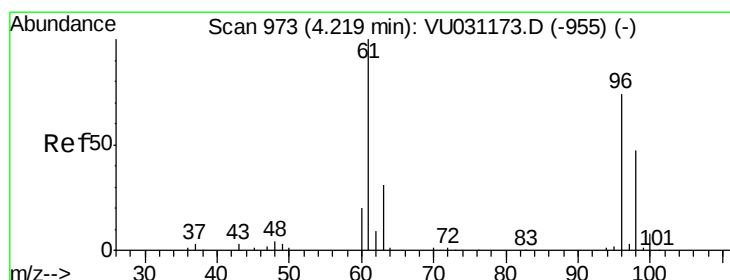
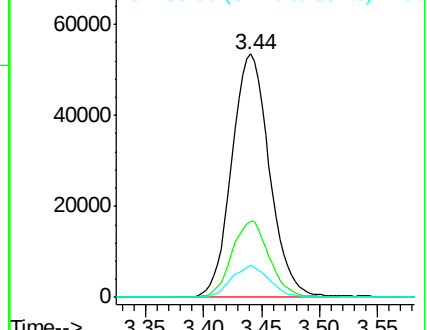
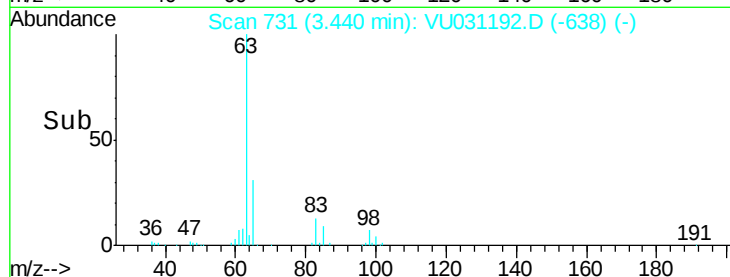
63 100

65 31.4 21.4 39.8

83 13.1 8.5 15.7



Abundance Ion 63.00 (62.70 to 63.70): VU031192.D (-638) (-)



#20

cis-1,2-Dichloroethene

Concen: 4.145 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031192.D

Acq: 14 Apr 2019 05:55

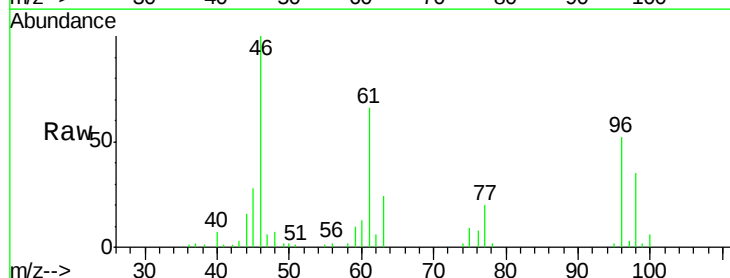
Tgt Ion: 96 Resp: 12256

Ion Ratio Lower Upper

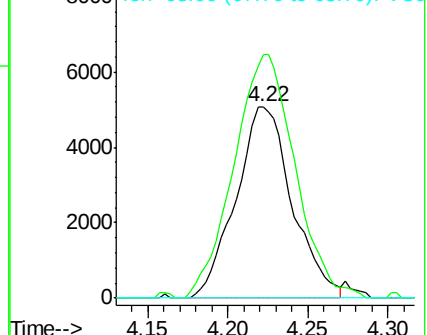
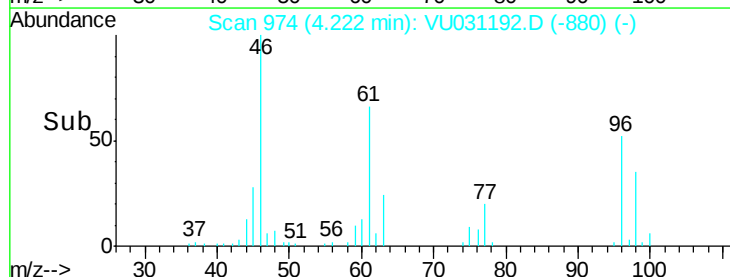
96 100

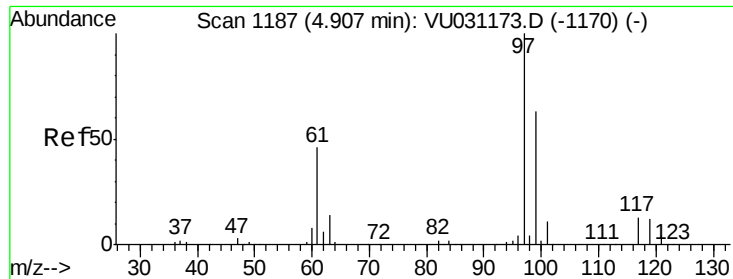
61 127.0 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031192.D (-880) (-)

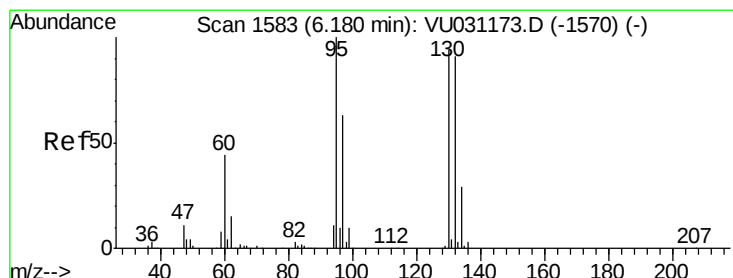
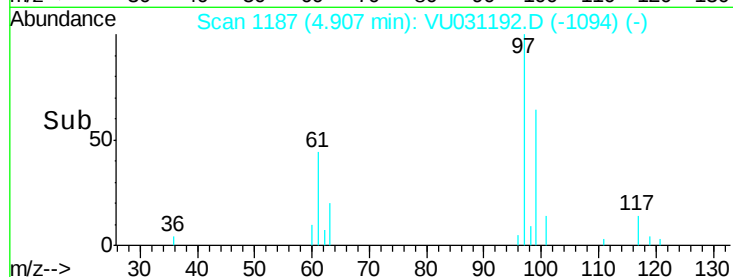
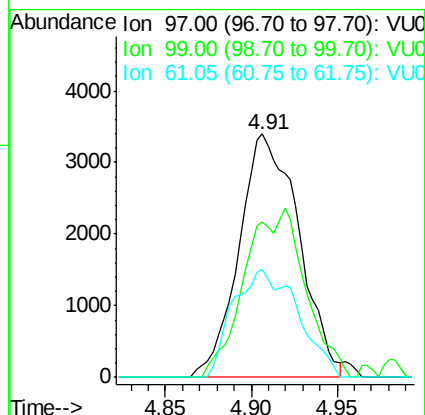
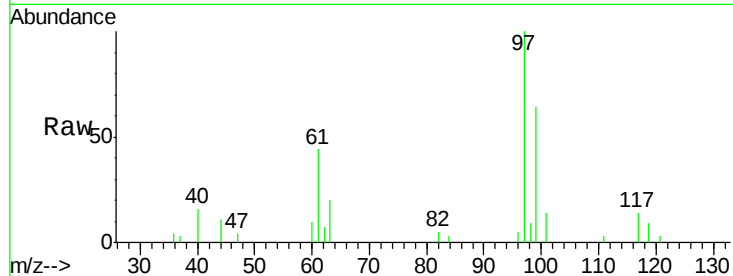




#30
 1,1,1-Trichloroethane
 Concen: 1.936 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU031192.D
 Acq: 14 Apr 2019 05:55

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Tot Ion: 97 Resp: 8186
 Ion Ratio Lower Upper
 97 100
 99 36.8 51.4 77.2#
 61 29.6 37.1 55.7#



#34
 Trichloroethene
 Concen: 36.427 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031192.D
 Acq: 14 Apr 2019 05:55

Tgt Ion: 95 Resp: 101427
 Ion Ratio Lower Upper
 95 100
 97 62.1 44.5 82.7
 132 91.9 61.5 114.1
 130 98.2 64.9 120.5

