

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026192.D
 Acq On : 17 Aug 2018 20:37
 Operator : MD/SY
 Sample : J4515-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0342

Quant Time: Aug 18 01:50:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 01:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	124289	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125333	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	53599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36646	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.68	69	30307	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.29	63	627007	45.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	911.80%#
20) 2-Butanone-d5	4.20	46	117228	62.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.10%
24) Chloroform-d	4.65	84	83883	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
26) 1,2-Dichloroethane-d4	5.32	65	47265	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.34	84	164751	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.34	67	51830	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.57	98	138540	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	20340	5.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.60%
46) 2-Hexanone-d5	8.32	63	91997	58.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.84%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	43392	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	11.87	152	56270	6.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.00%

Target Compounds

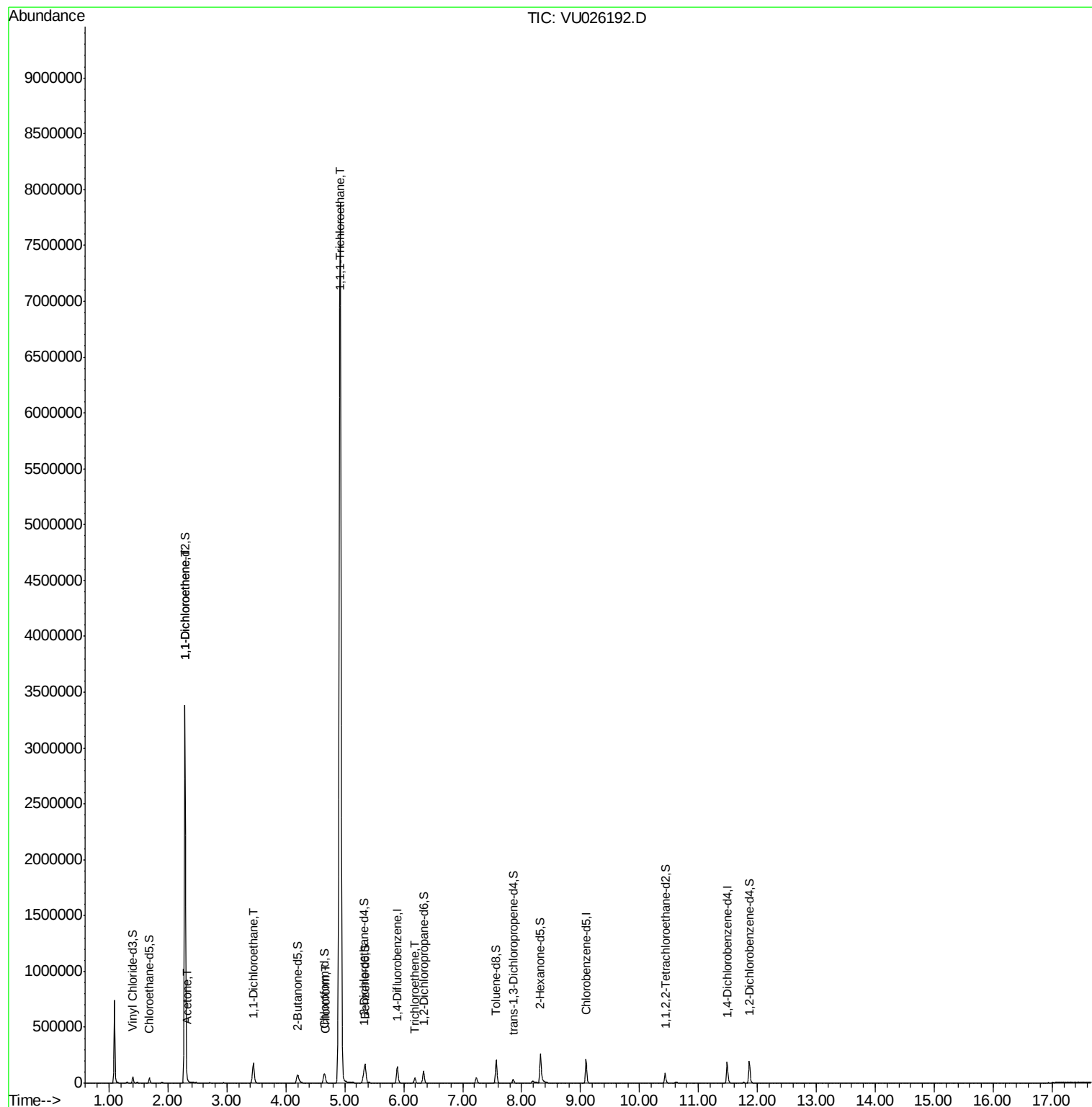
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.29	96	1019346	141.10	ug/L	# 72
13) Acetone	2.33	43	5048	4.07	ug/L	100
19) 1,1-Dichloroethane	3.45	63	186407	12.48	ug/L	98
25) Chloroform	4.68	83	6903	0.38	ug/L	87
29) 1,1,1-Trichloroethane	4.92	97	6203579	382.14	ug/L	99
34) Trichloroethene	6.19	95	17130	1.75	ug/L	97

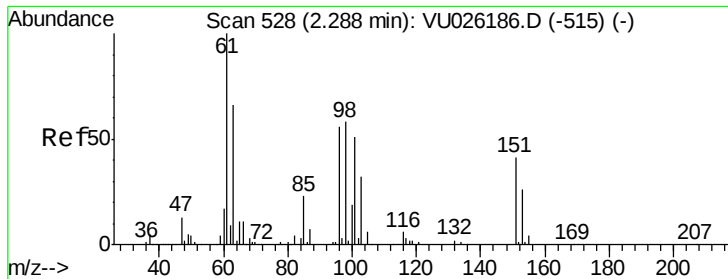
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:29:07 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 141.10 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU026192.D

Acq: 17 Aug 2018 20:37

Instrument :

MSVOA_U

ClientSampleId :

C0342

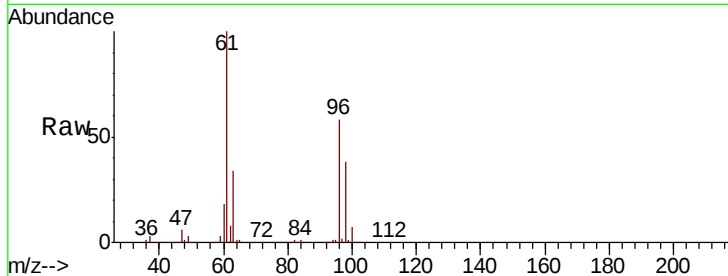
Tot Ion: 96 Resp: 1019346

Ion Ratio Lower Upper

96 100

61 173.2 125.3 232.7

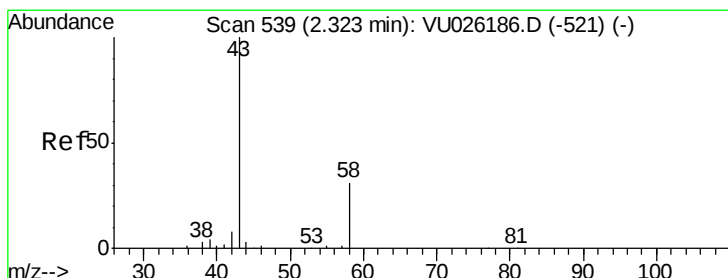
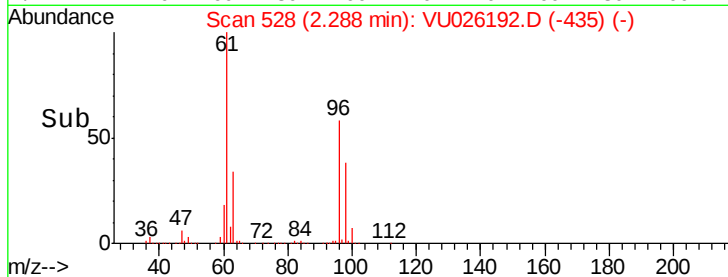
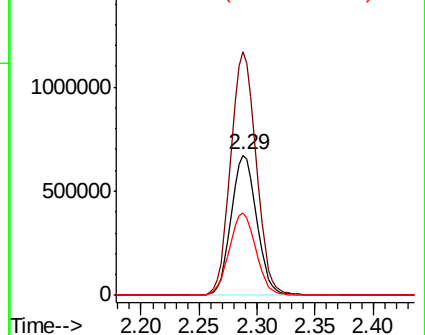
63 58.6 90.9 168.9#



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



#13

Acetone

Concen: 4.07 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU026192.D

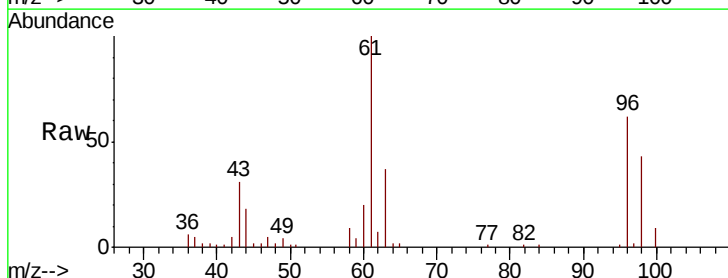
Acq: 17 Aug 2018 20:37

Tgt Ion: 43 Resp: 5048

Ion Ratio Lower Upper

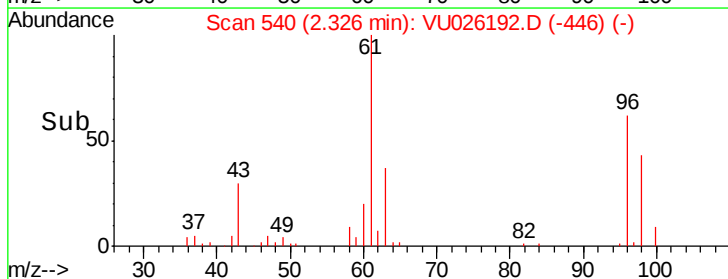
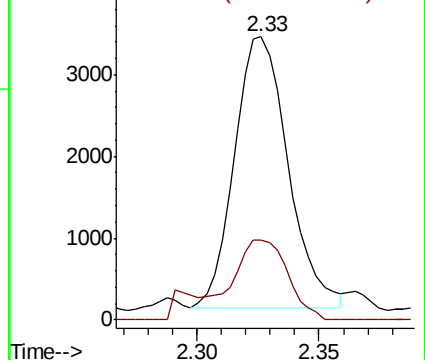
43 100

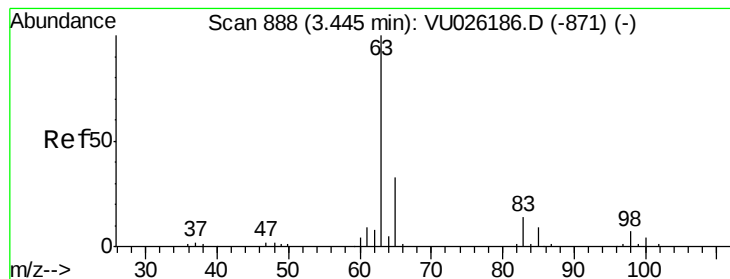
58 29.8 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#19

1,1-Dichloroethane

Concen: 12.48 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU026192.D

Acq: 17 Aug 2018 20:37

Instrument :

MSVOA_U

ClientSampled :

C0342

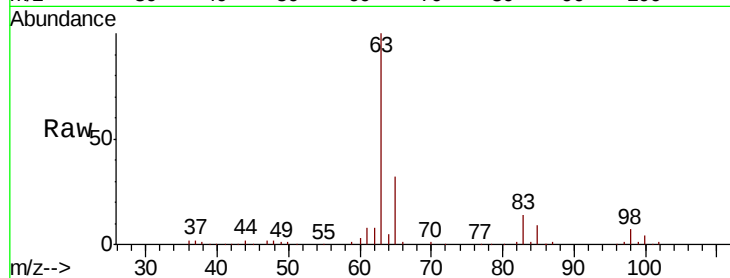
Tot Ion: 63 Resp: 186407

Ion Ratio Lower Upper

63 100

65 32.1 23.2 43.0

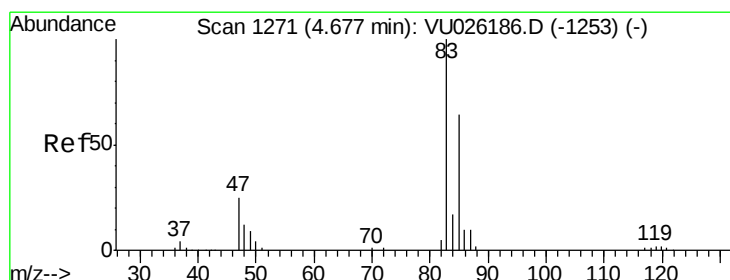
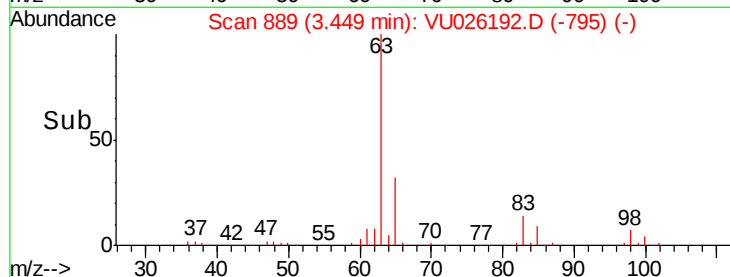
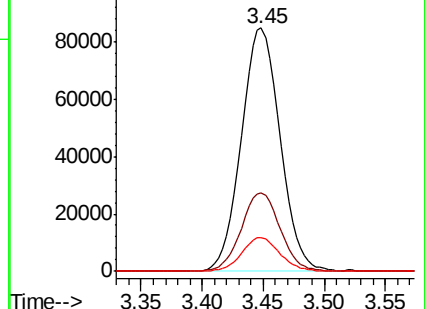
83 13.6 10.1 18.9



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



#25

Chloroform

Concen: 0.38 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU026192.D

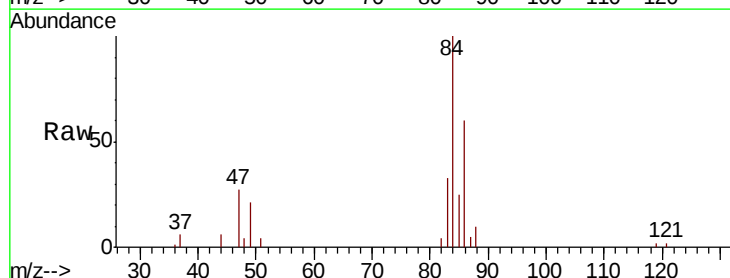
Acq: 17 Aug 2018 20:37

Tgt Ion: 83 Resp: 6903

Ion Ratio Lower Upper

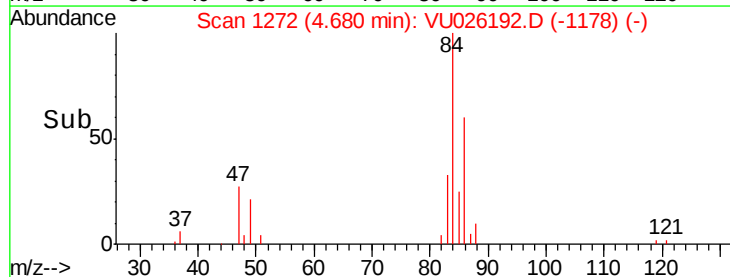
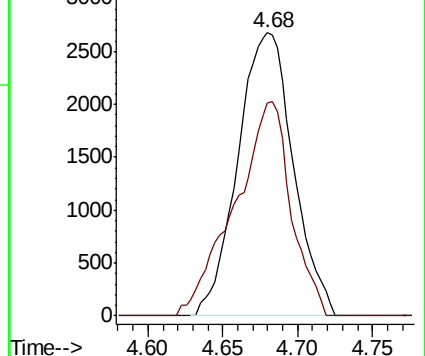
83 100

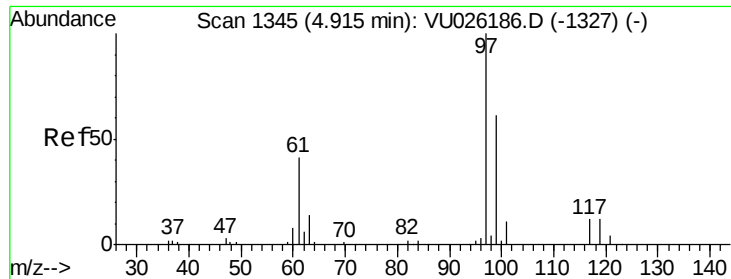
85 75.3 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



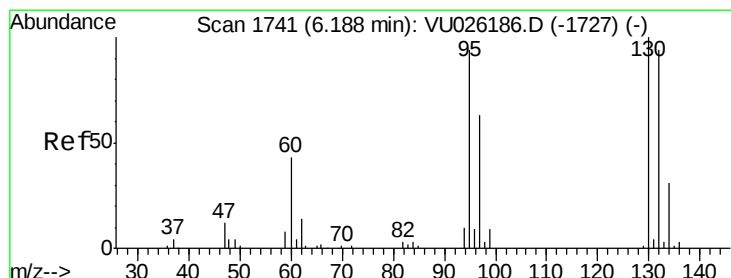
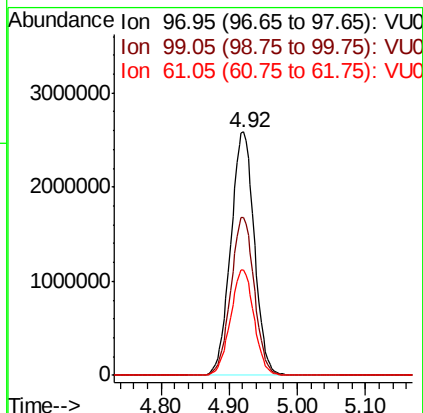
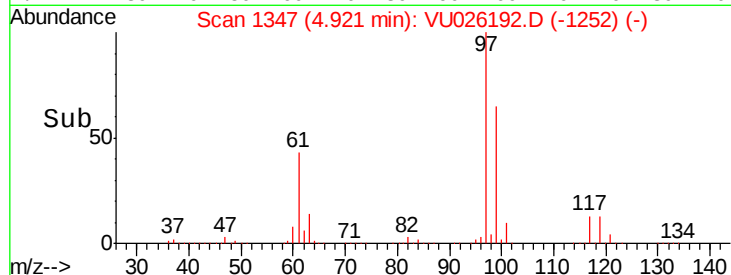
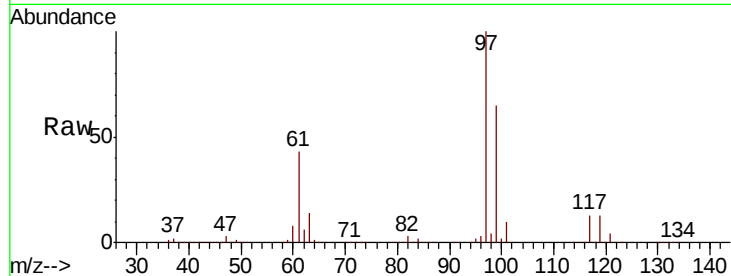


#29
 1,1,1-Trichloroethane
 Concen: 382.14 ug/L
 RT: 4.92 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: VU026192.D
 Acq: 17 Aug 2018 20:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0342

Tot Ion: 97 Resp: 6203579

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.3	78.5
61	43.2	35.0	52.6



#34
 Trichloroethene
 Concen: 1.75 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026192.D
 Acq: 17 Aug 2018 20:37

Tgt Ion: 95 Resp: 17130

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.9	83.5
132	101.3	68.2	126.6
130	101.7	73.4	136.4

