

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026196.D
 Acq On : 17 Aug 2018 22:13
 Operator : MD/SY
 Sample : J4515-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0364

Quant Time: Aug 18 02:04:29 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	124114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124058	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	52974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36477	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.69	69	28900	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.29	63	163307	11.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	237.80%#
20) 2-Butanone-d5	4.20	46	104042	55.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.18%
24) Chloroform-d	4.65	84	79779	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.32	65	43968	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.35	84	151772	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.34	67	49853	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.57	98	130417	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.86	79	18043	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.32	63	81098	52.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	40203	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	53425	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

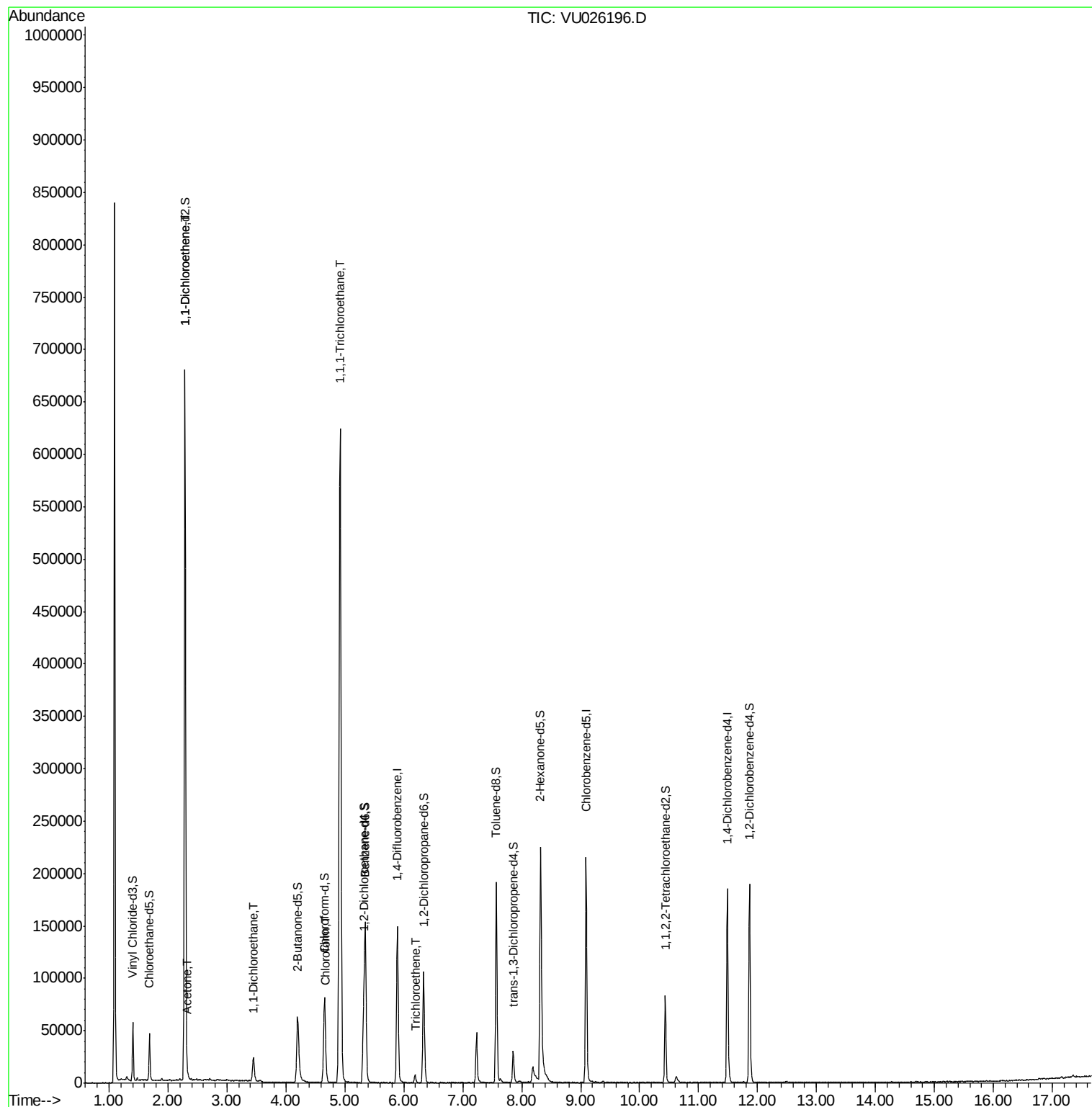
					Ovalue
12) 1,1-Dichloroethene	2.29	96	196921	27.30	ug/L # 74
13) Acetone	2.33	43	2516	2.03	ug/L 95
19) 1,1-Dichloroethane	3.45	63	23785	1.59	ug/L 94
25) Chloroform	4.68	83	5886	0.32	ug/L 98
29) 1,1,1-Trichloroethane	4.92	97	489150	30.44	ug/L 99
34) Trichloroethene	6.19	95	2541	0.26	ug/L 93

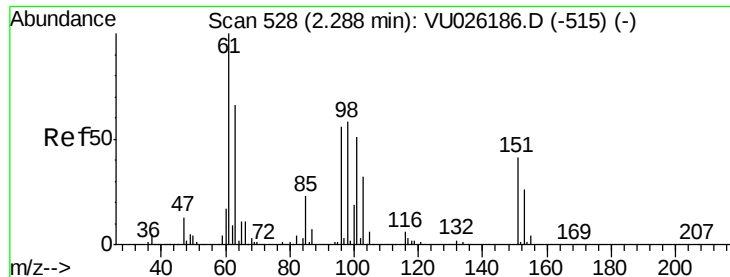
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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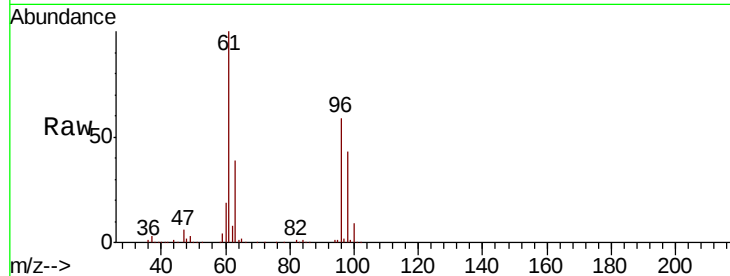




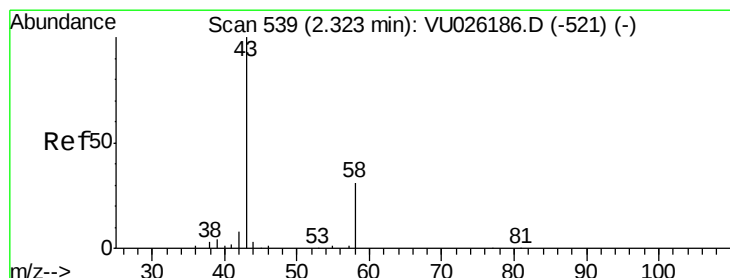
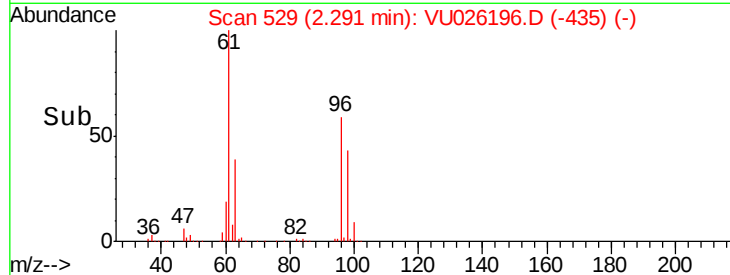
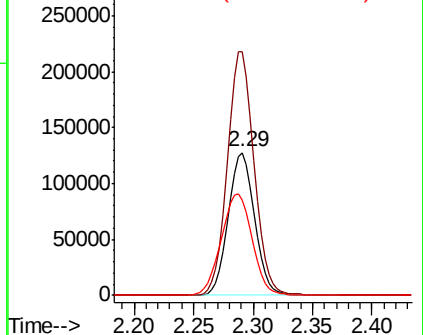
#12
 1,1-Dichloroethene
 Concen: 27.30 ug/L
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU026196.D
 Acq: 17 Aug 2018 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0364

Tot Ion	96	Resp	196921
Ion	Ratio	Lower	Upper
96	100		
61	170.8	125.3	232.7
63	67.0	90.9	168.9#

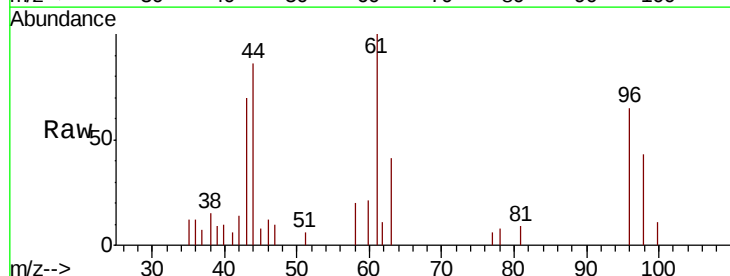


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

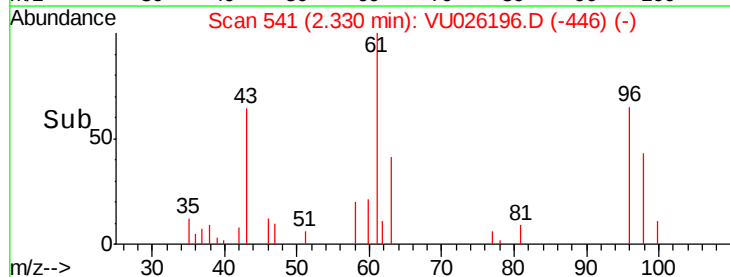
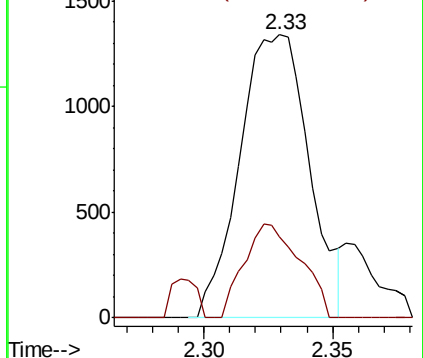


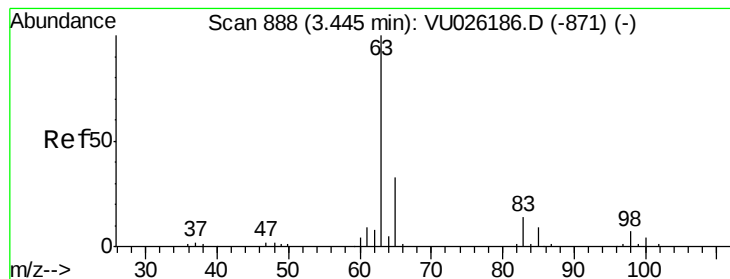
#13
 Acetone
 Concen: 2.03 ug/L
 RT: 2.33 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VU026196.D
 Acq: 17 Aug 2018 22:13

Tgt Ion	43	Resp	2516
Ion	Ratio	Lower	Upper
43	100		
58	27.0	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: 1.59 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU026196.D

Acq: 17 Aug 2018 22:13

Instrument :

MSVOA_U

ClientSampled :

C0364

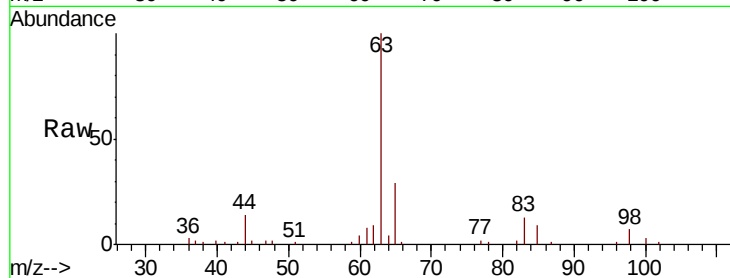
Tot Ion: 63 Resp: 23785

Ion Ratio Lower Upper

63 100

65 29.1 23.2 43.0

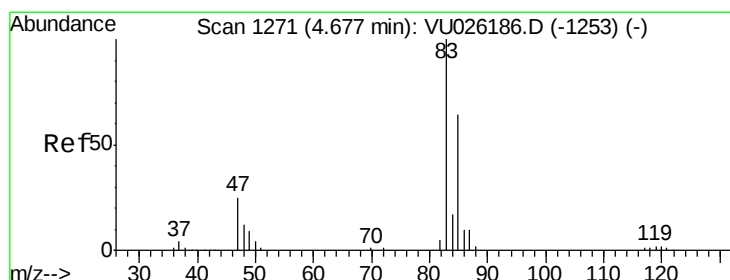
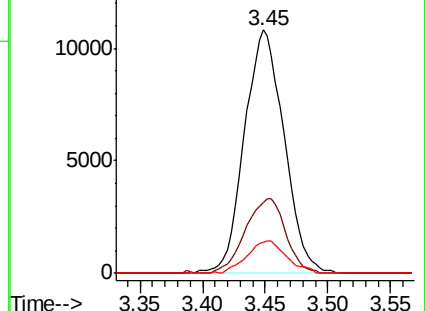
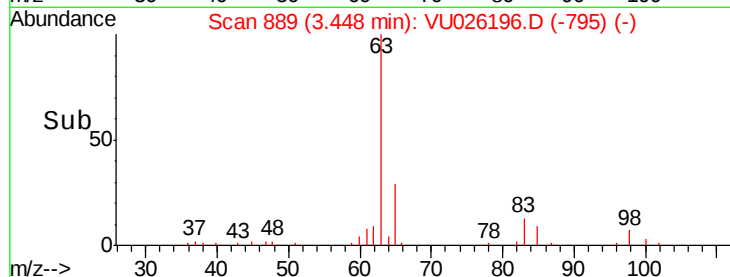
83 12.7 10.1 18.9



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: 0.32 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU026196.D

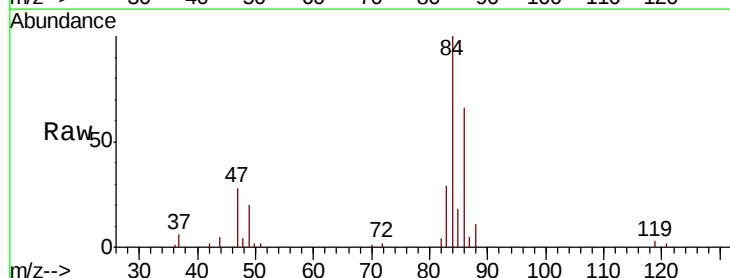
Acq: 17 Aug 2018 22:13

Tgt Ion: 83 Resp: 5886

Ion Ratio Lower Upper

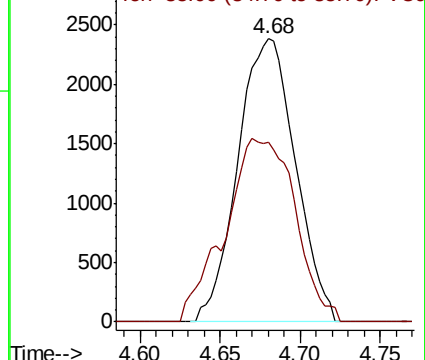
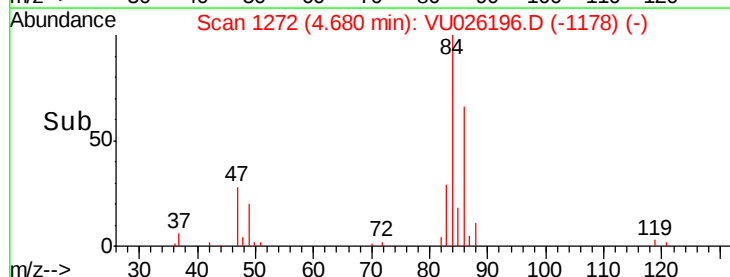
83 100

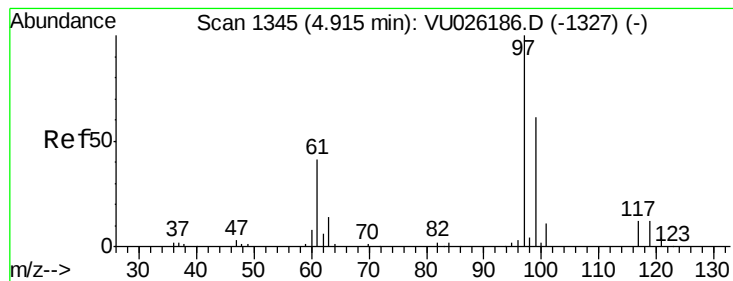
85 63.4 45.5 84.5



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: 30.44 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU026196.D

Acq: 17 Aug 2018 22:13

Instrument :

MSVOA_U

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C0364

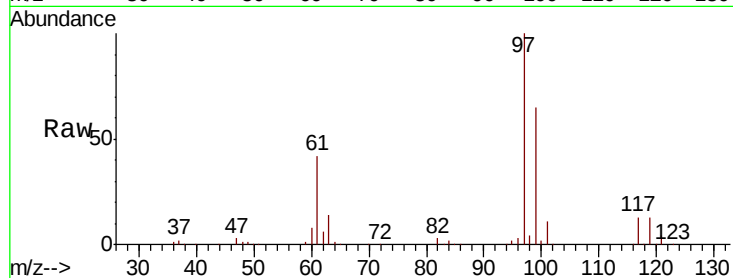
Tot Ion: 97 Resp: 489150

Ion Ratio Lower Upper

97 100

99 64.8 52.3 78.5

61 43.2 35.0 52.6

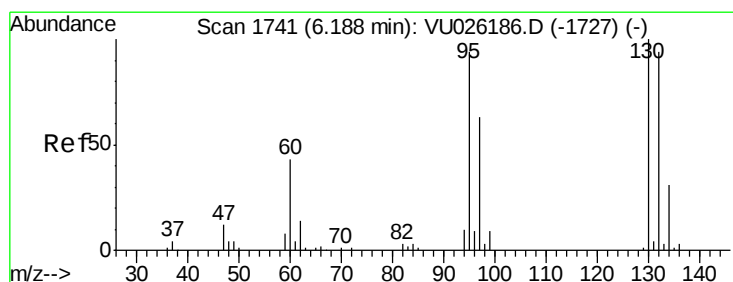
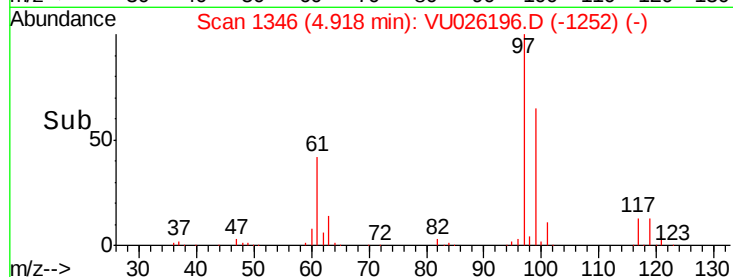
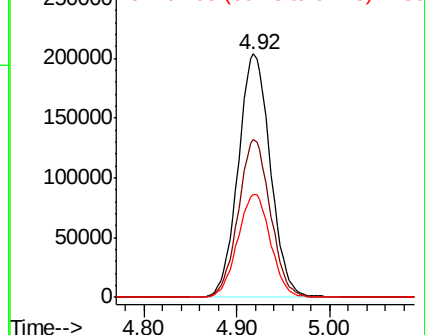


Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0



#34

Trichloroethene

Concen: 0.26 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026196.D

Acq: 17 Aug 2018 22:13

Tgt Ion: 95 Resp: 2541

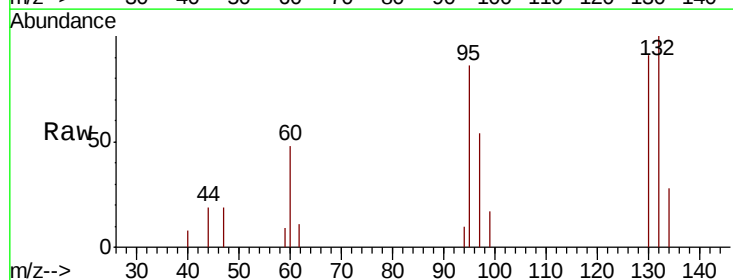
Ion Ratio Lower Upper

95 100

97 63.2 44.9 83.5

132 116.1 68.2 126.6

130 105.4 73.4 136.4



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

