

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026805.D
 Acq On : 16 Sep 2018 03:40
 Operator : MD/SY
 Sample : J4918-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY2

Quant Time: Sep 17 09:33:41 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	119669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	97139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42886	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.68	69	36650	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.28	63	86523	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	4.20	46	96382	48.05	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	4.65	84	73490	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	38759	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.34	84	154849	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.33	67	49158	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	7.57	98	115939	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	14053	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.32	63	58931	46.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35395	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	42528	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

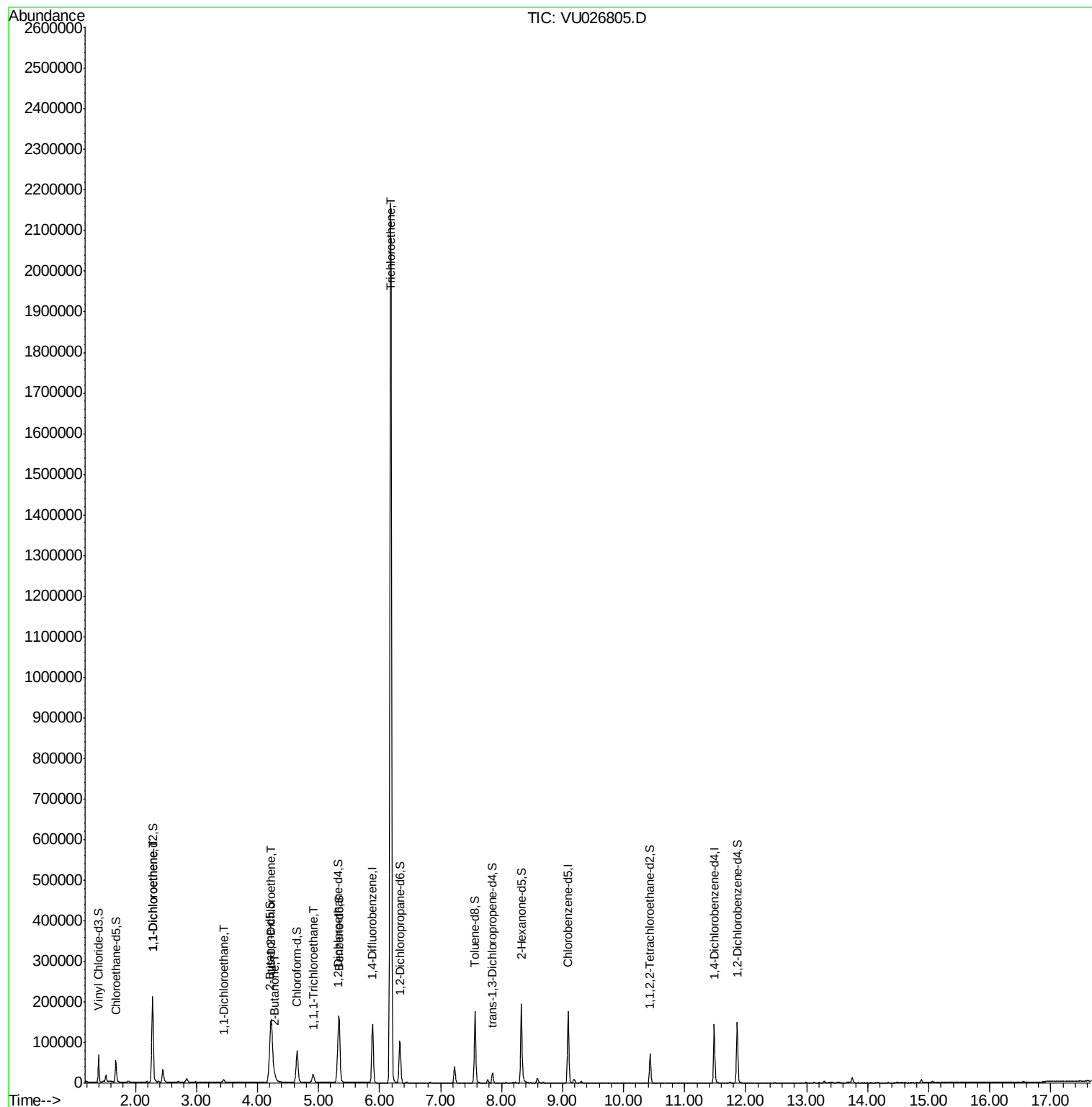
						Ovalue
12) 1,1-Dichloroethene	2.29	96	45170	5.07	ug/L	99
19) 1,1-Dichloroethane	3.45	63	6769	0.37	ug/L	99
21) 2-Butanone	4.29	43	17713	6.01	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	67151	6.34	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	14493	1.04	ug/L	100
34) Trichloroethene	6.18	95	712397	76.89	ug/L	99

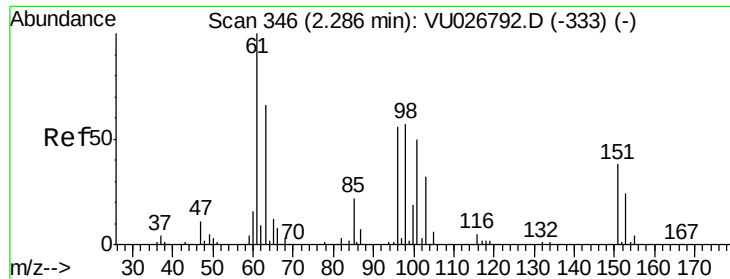
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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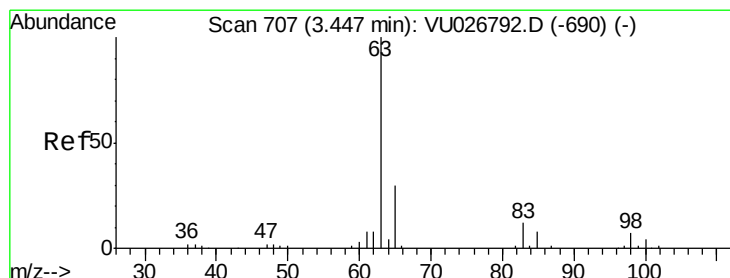
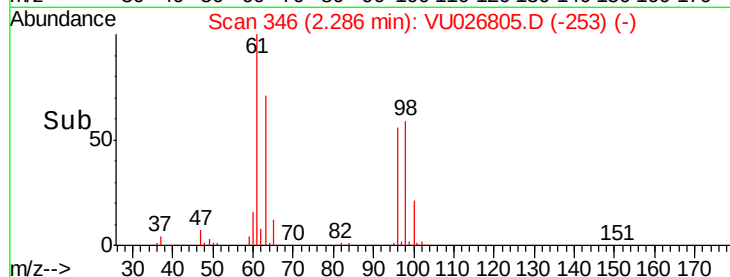
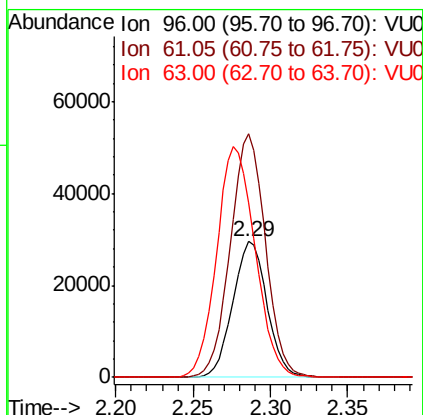
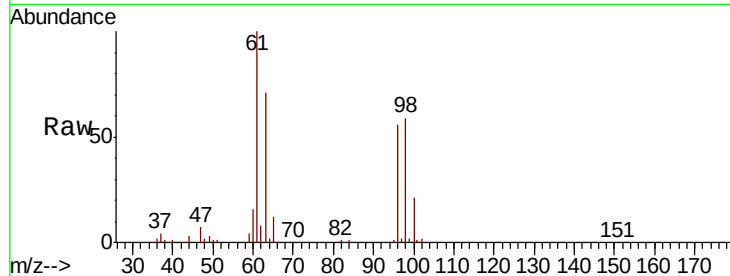




#12
 1,1-Dichloroethene
 Concen: 5.07 ug/L
 RT: 2.29 min Scan# 346
 Delta R.T. -0.00 min
 Lab File: VU026805.D
 Acq: 16 Sep 2018 03:40

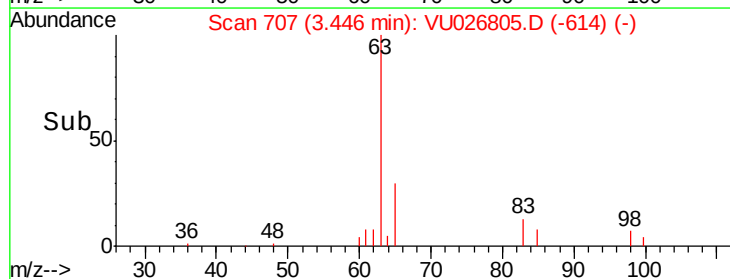
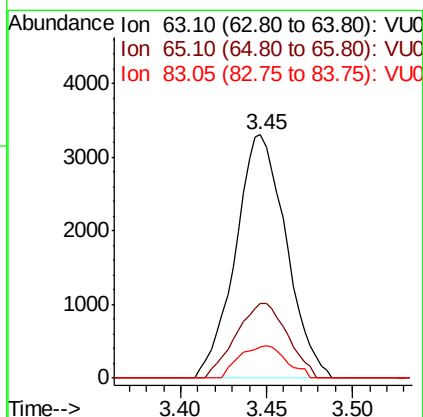
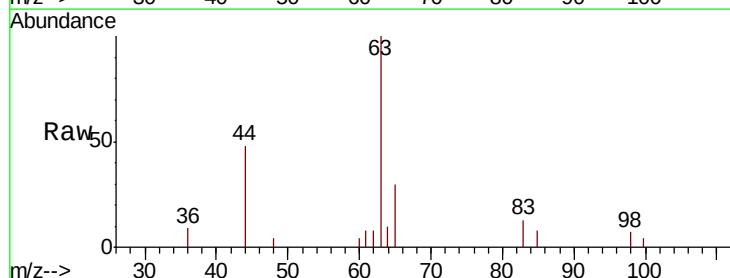
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY2

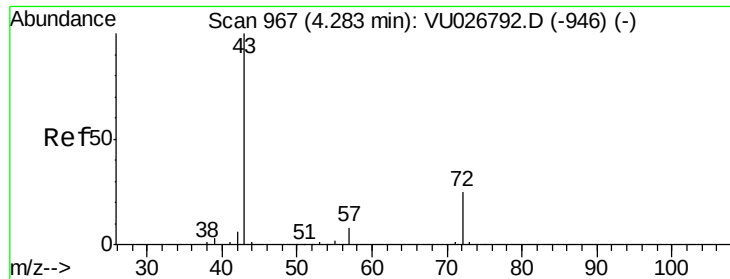
Tot Ion: 96 Resp: 45170
 Ion Ratio Lower Upper
 96 100
 61 179.7 126.6 235.2
 63 128.4 91.3 169.5



#19
 1,1-Dichloroethane
 Concen: 0.37 ug/L
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU026805.D
 Acq: 16 Sep 2018 03:40

Tgt Ion: 63 Resp: 6769
 Ion Ratio Lower Upper
 63 100
 65 30.4 21.7 40.3
 83 12.7 9.0 16.6





#21

2-Butanone

Concen: 6.01 ug/L

RT: 4.29 min Scan# 968

Delta R.T. -0.02 min

Lab File: VU026805.D

Acq: 16 Sep 2018 03:40

Instrument :

MSVOA_U

ClientSampleId :

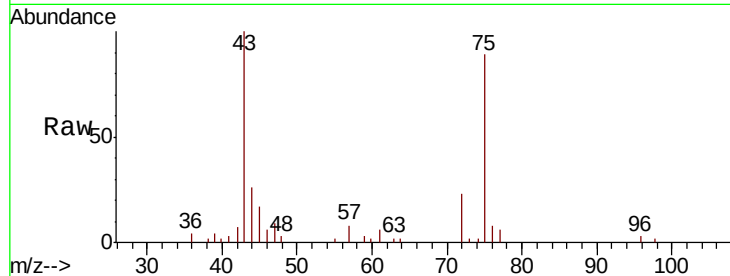
C0KY2

Tot Ion: 43 Resp: 17713

Ion Ratio Lower Upper

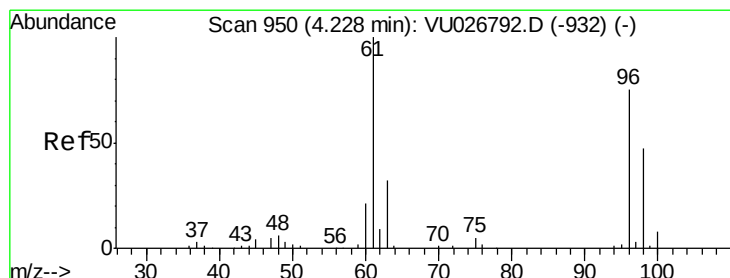
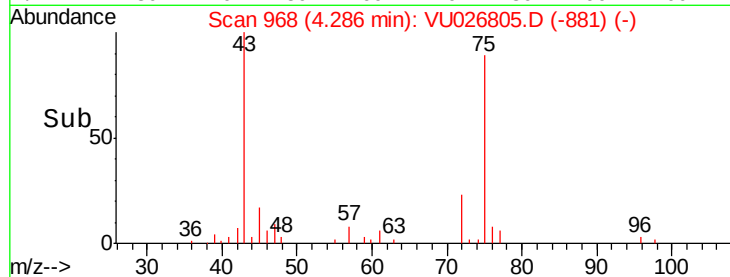
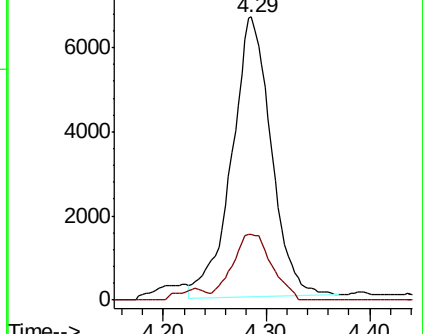
43 100

72 23.6 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: 6.34 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU026805.D

Acq: 16 Sep 2018 03:40

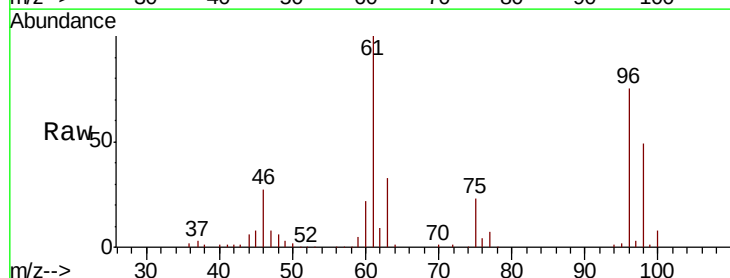
Tgt Ion: 96 Resp: 67151

Ion Ratio Lower Upper

96 100

61 134.1 94.4 175.2

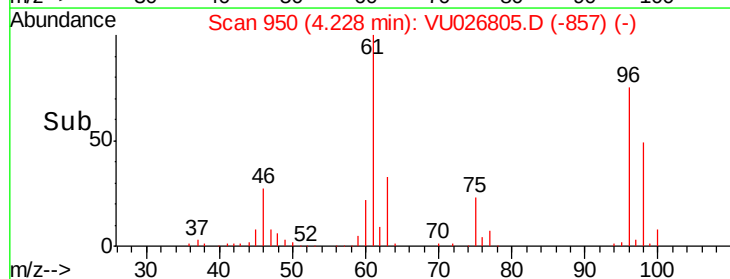
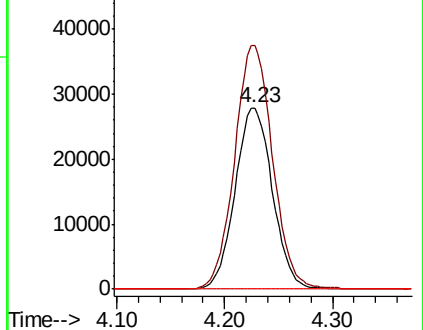
68 0.0 0.0 0.0

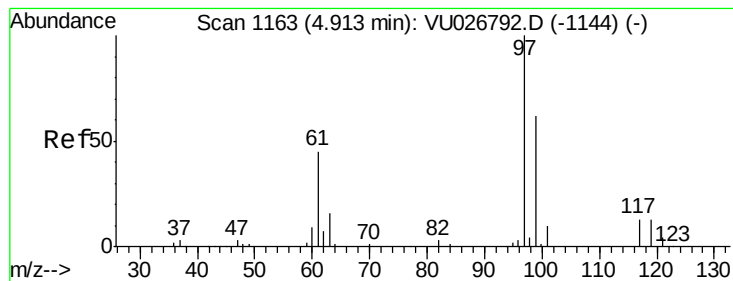


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#29

1,1,1-Trichloroethane

Concen: 1.04 ug/L

RT: 4.91 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VU026805.D

Acq: 16 Sep 2018 03:40

Instrument :

MSVOA_U

ClientSampleId :

C0KY2

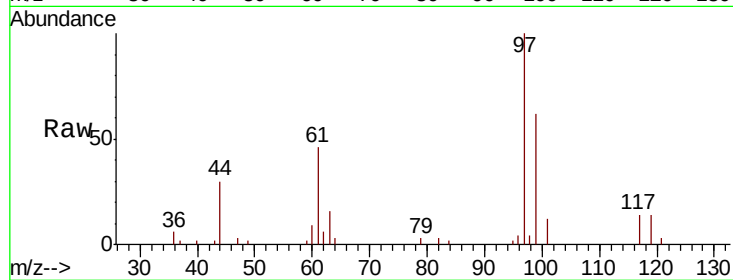
Tot Ion: 97 Resp: 14493

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 45.5 36.6 54.8

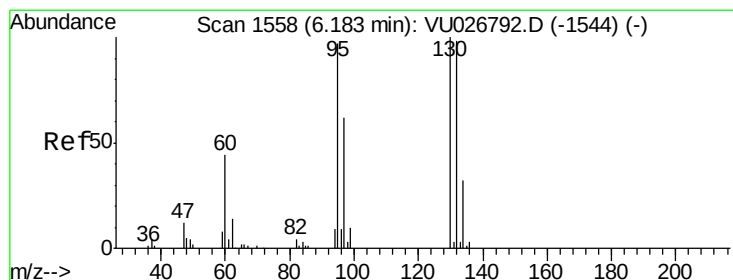
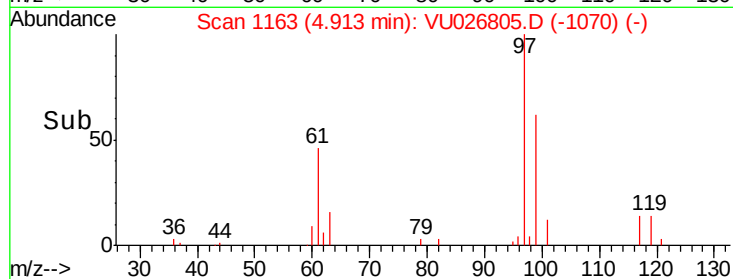
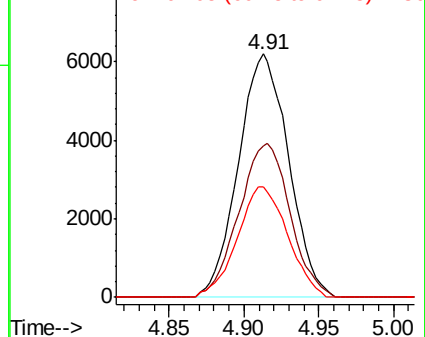


Abundance

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: 76.89 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU026805.D

Acq: 16 Sep 2018 03:40

Tgt Ion: 95 Resp: 712397

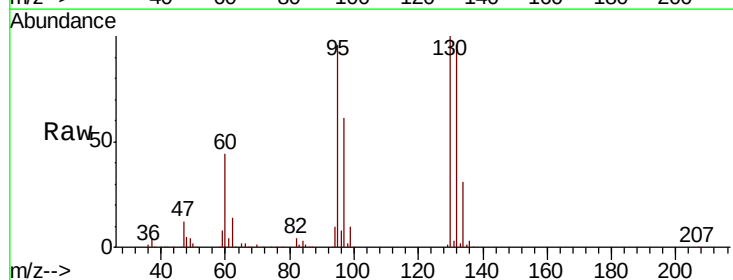
Ion Ratio Lower Upper

95 100

97 63.9 45.1 83.9

132 100.8 72.0 133.8

130 104.7 73.1 135.7



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

