

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034597.D
 Acq On : 17 Sep 2019 04:41
 Operator : JC/SP
 Sample : K4894-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP9

Quant Time: Sep 17 05:51:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 05:01:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	250714	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	236976	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	97048	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57024	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.28%
7) Chloroethane-d5	1.67	69	50125	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.76%
11) 1,1-Dichloroethene-d2	2.26	63	100012	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.82%
21) 2-Butanone-d5	4.15	46	155439	113.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.96%
24) Chloroform-d	4.62	84	143694	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
26) 1,2-Dichloroethane-d4	5.29	65	93968	56.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.16%
32) Benzene-d6	5.32	84	267634	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	6.31	67	104912	54.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.18%
41) Toluene-d8	7.54	98	253980	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.83	79	45050	48.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.38%
47) 2-Hexanone-d5	8.29	63	109174	103.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.76%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	158000	52.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.26%
64) 1,2-Dichlorobenzene-d4	11.84	152	91678	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%

Target Compounds

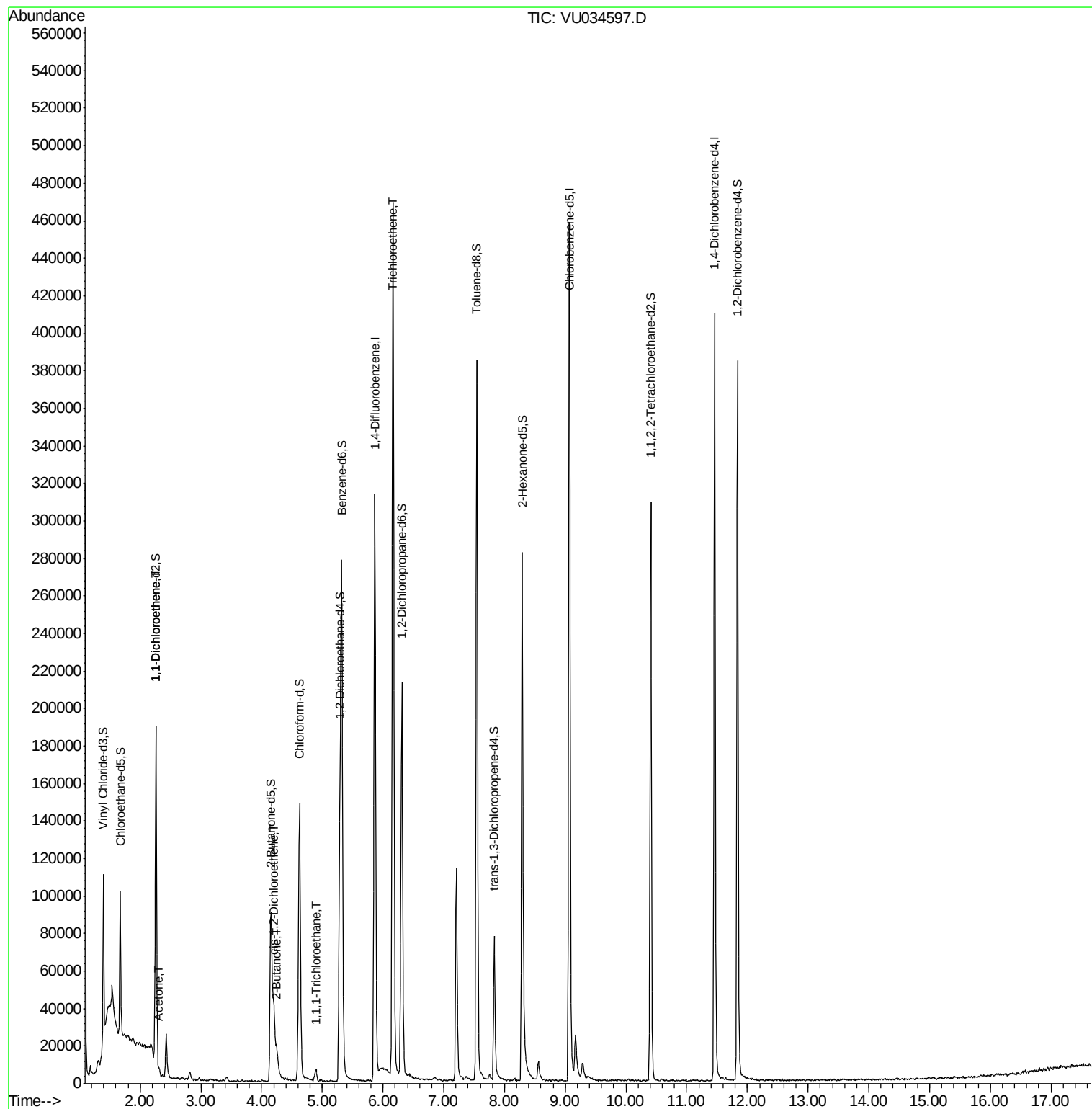
					Ovalue
12) 1,1-Dichloroethene	2.27	96	10959	9.197 ug/L #	1
13) Acetone	2.31	43	2460	2.007 ug/L	68
20) cis-1,2-Dichloroethene	4.21	96	16829	10.189 ug/L	94
22) 2-Butanone	4.25	43	23805	15.266 ug/L	95
30) 1,1,1-Trichloroethane	4.90	97	4587	1.937 ug/L #	70
34) Trichloroethene	6.16	95	161624	107.938 ug/L	96

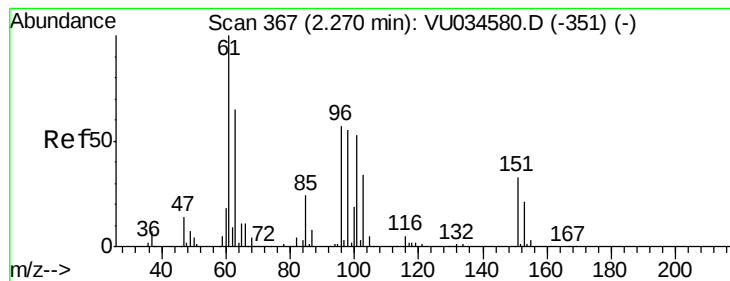
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 9.197 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU034597.D

Acq: 17 Sep 2019 04:41

Instrument :

MSVOA_U

ClientSampleId :

COMP9

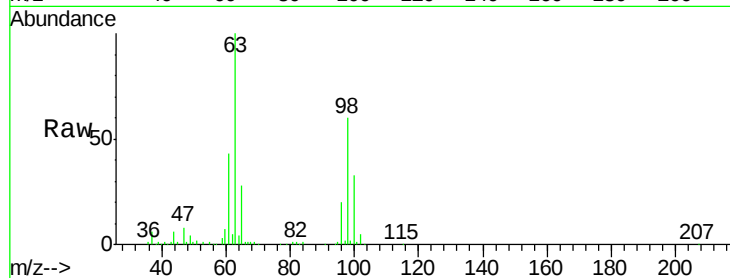
Tot Ion: 96 Resp: 10959

Ion Ratio Lower Upper

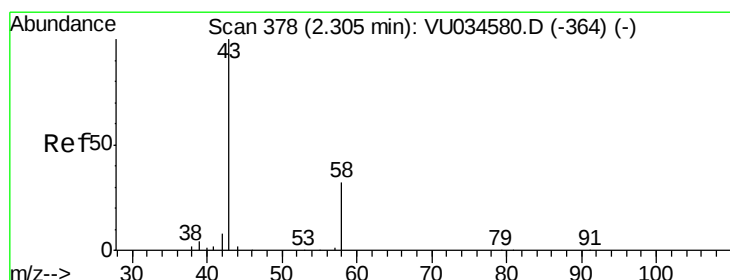
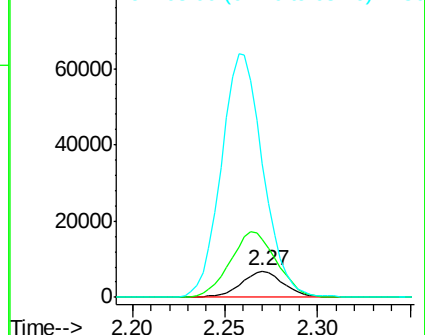
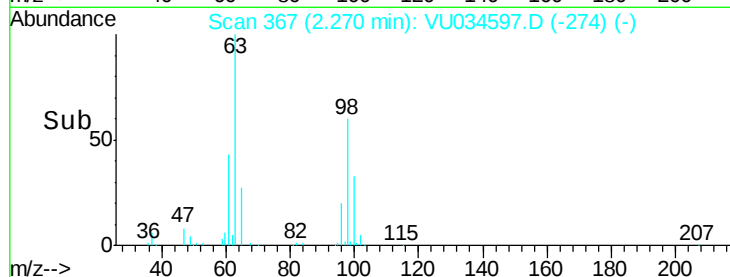
96 100

61 217.4 117.8 218.8

63 504.3 83.8 155.6#



Abundance Ion 96.00 (95.70 to 96.70): VU034597.D (-274) (-)



#13

Acetone

Concen: 2.007 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU034597.D

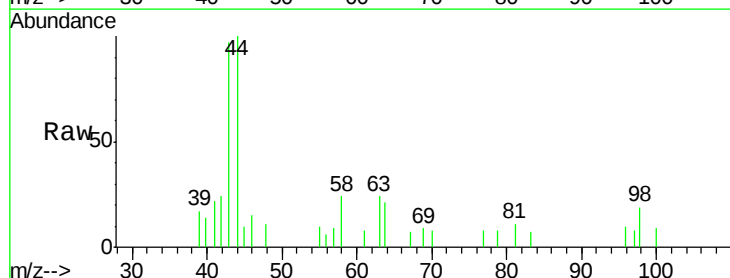
Acq: 17 Sep 2019 04:41

Tgt Ion: 43 Resp: 2460

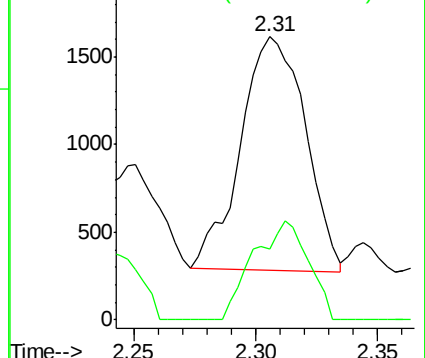
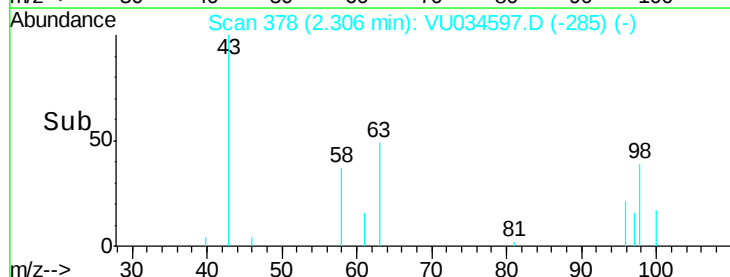
Ion Ratio Lower Upper

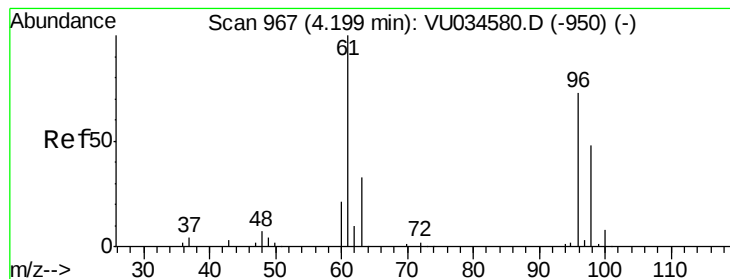
43 100

58 14.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU034597.D (-285) (-)





#20

cis-1,2-Dichloroethene

Concen: 10.189 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU034597.D

Acq: 17 Sep 2019 04:41

Instrument :

MSVOA_U

ClientSampled :

COMP9

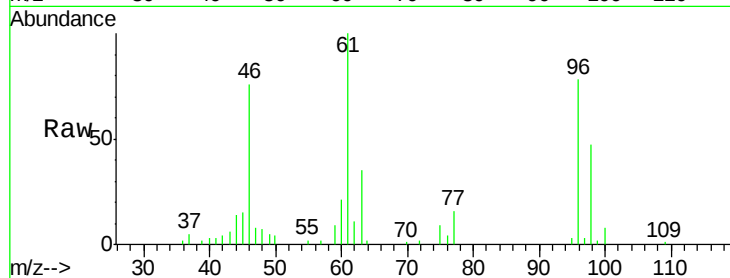
Tot Ion: 96 Resp: 16829

Ion Ratio Lower Upper

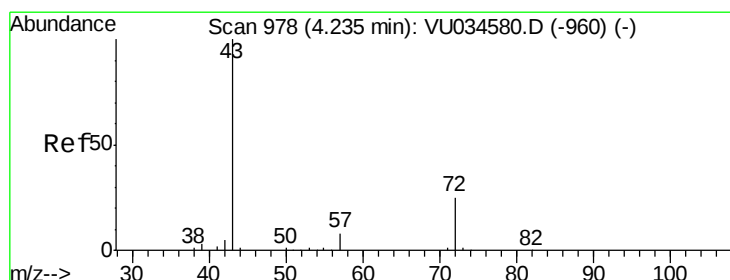
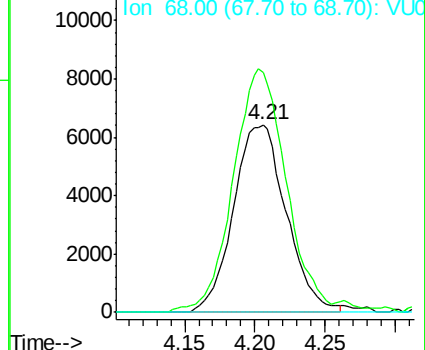
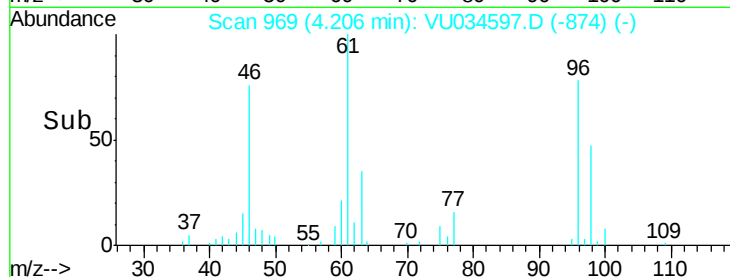
96 100

61 127.8 94.7 175.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034597.D (-874) (-)



#22

2-Butanone

Concen: 15.266 ug/L

RT: 4.25 min Scan# 983

Delta R.T. 0.02 min

Lab File: VU034597.D

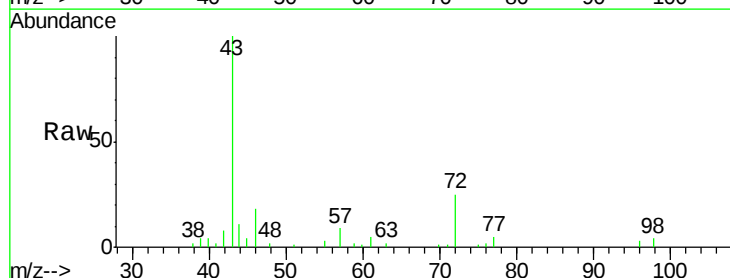
Acq: 17 Sep 2019 04:41

Tgt Ion: 43 Resp: 23805

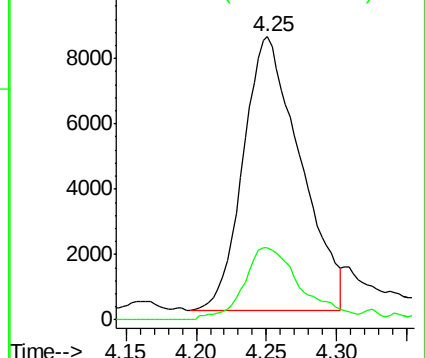
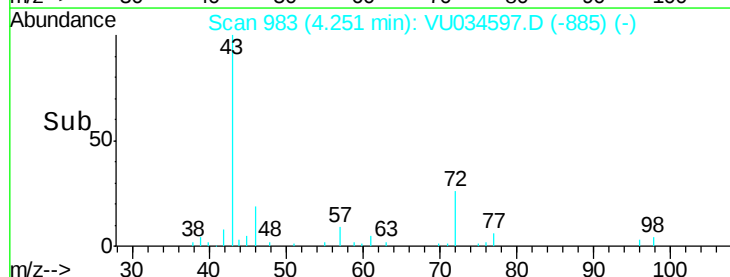
Ion Ratio Lower Upper

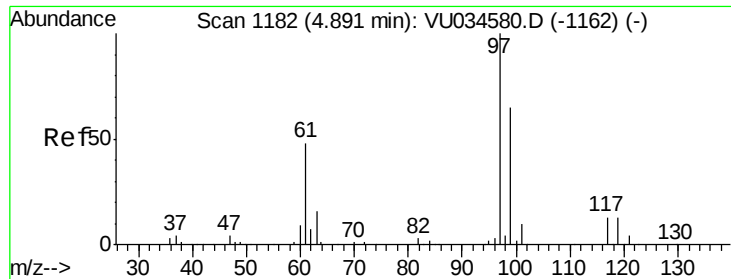
43 100

72 26.4 12.0 36.1



Abundance Ion 43.00 (42.70 to 43.70): VU034597.D (-885) (-)

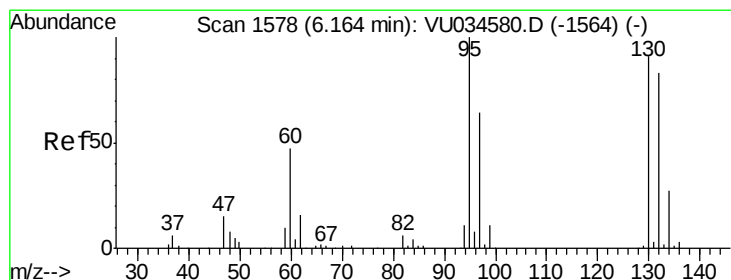
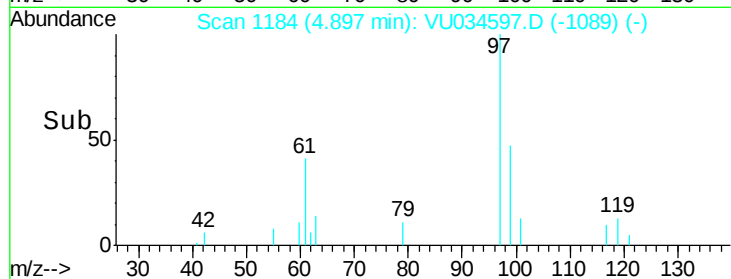
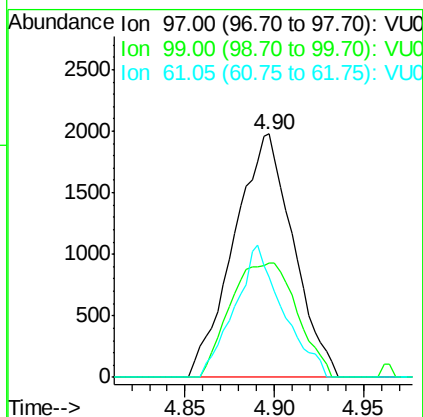
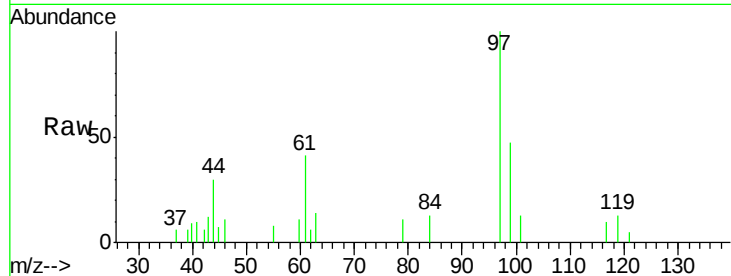




#30
1,1,1-Trichloroethane
Concen: 1.937 ug/L
RT: 4.90 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VU034597.D
Acq: 17 Sep 2019 04:41

Instrument :
MSVOA_U
ClientSampled :
COMP9

Tot Ion: 97 Resp: 4587
Ion Ratio Lower Upper
97 100
99 24.4 50.7 76.1#
61 44.1 36.9 55.3



#34
Trichloroethene
Concen: 107.938 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034597.D
Acq: 17 Sep 2019 04:41

Tgt Ion: 95 Resp: 161624
Ion Ratio Lower Upper
95 100
97 63.9 45.4 84.4
132 89.7 65.2 121.0
130 92.2 68.5 127.3

