

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034588.D
 Acq On : 17 Sep 2019 01:10
 Operator : JC/SP
 Sample : K4868-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP6

Quant Time: Sep 17 05:25:56 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	249834	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	231293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	95483	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62935	52.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.42%
7) Chloroethane-d5	1.67	69	54063	58.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.64%
11) 1,1-Dichloroethene-d2	2.26	63	108853	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
21) 2-Butanone-d5	4.15	46	171084	125.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.88%
24) Chloroform-d	4.62	84	154270	56.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.74%
26) 1,2-Dichloroethane-d4	5.29	65	98364	58.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.82%
32) Benzene-d6	5.32	84	296688	58.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.68%
36) 1,2-Dichloropropane-d6	6.31	67	109651	57.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.84%
41) Toluene-d8	7.54	98	279773	56.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.32%
43) trans-1,3-Dichloropropene-	7.83	79	48936	54.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.38%
47) 2-Hexanone-d5	8.29	63	119160	116.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.03%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167579	56.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	99529	58.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.86%

Target Compounds

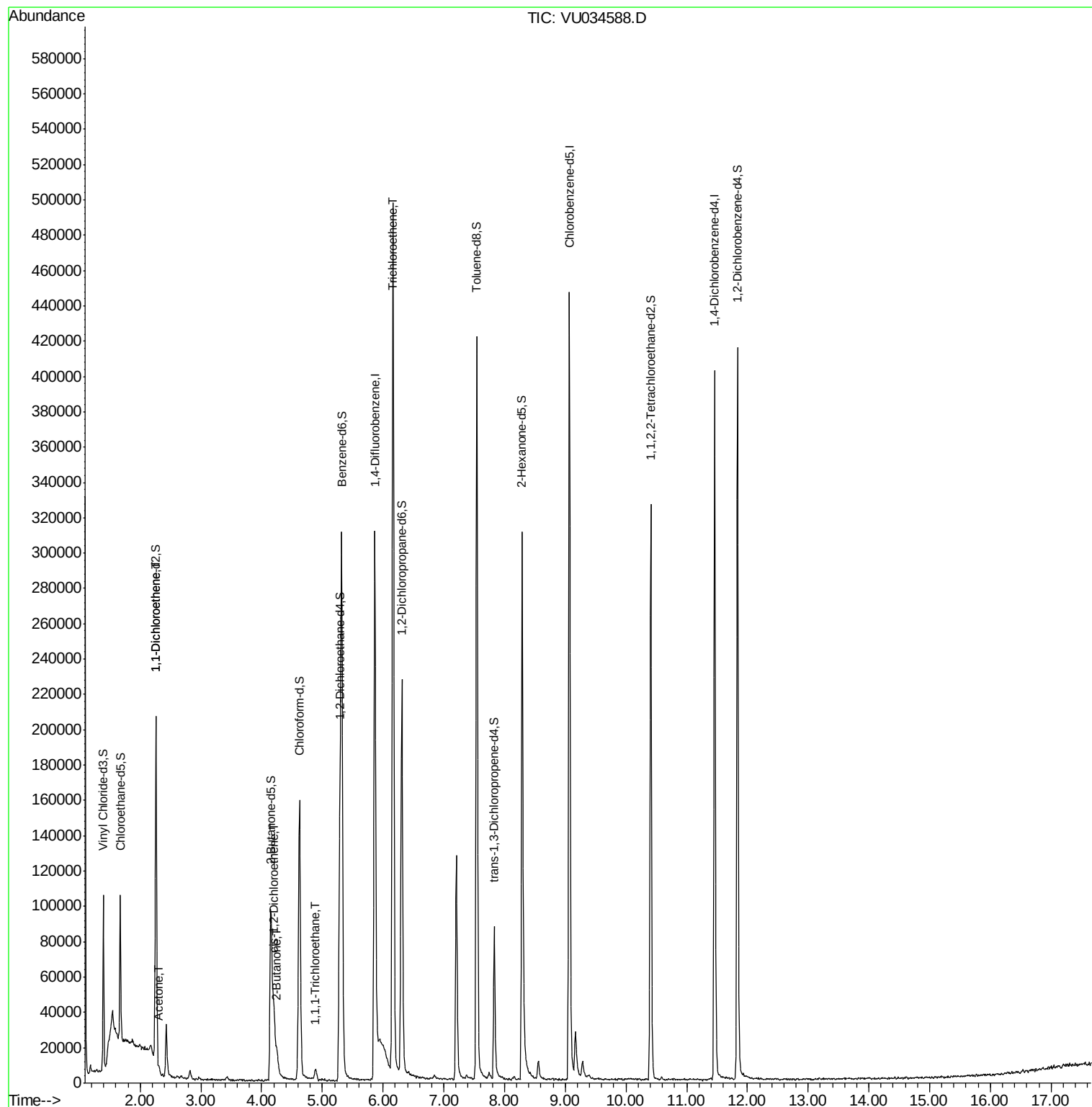
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	12063	10.159	ug/L	# 1
13) Acetone	2.31	43	3230	2.644	ug/L	91
20) cis-1,2-Dichloroethene	4.21	96	17705	10.758	ug/L	98
22) 2-Butanone	4.25	43	26647	17.149	ug/L	79
30) 1,1,1-Trichloroethane	4.89	97	4683	2.026	ug/L	94
34) Trichloroethene	6.16	95	174900	119.674	ug/L	96

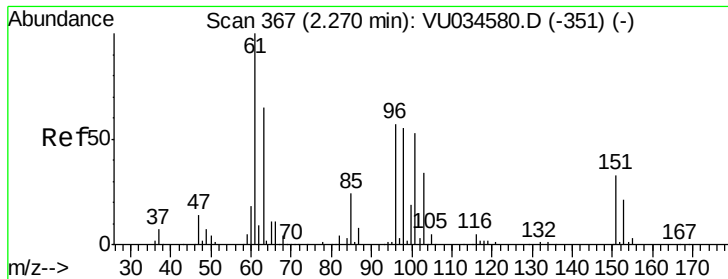
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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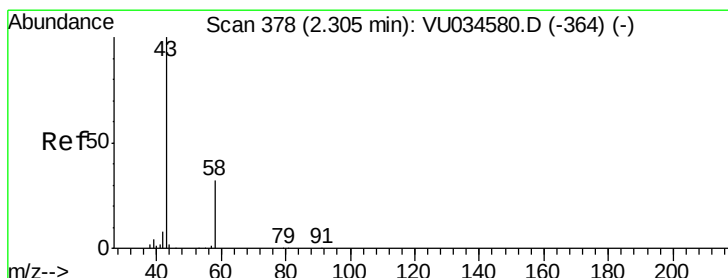
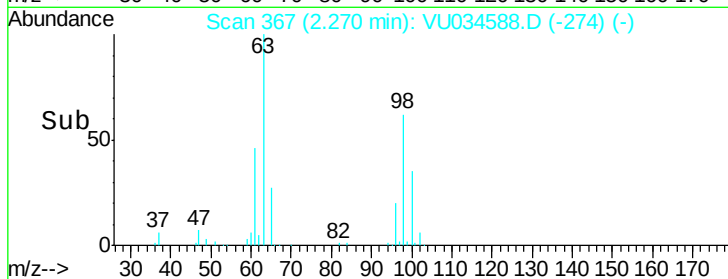
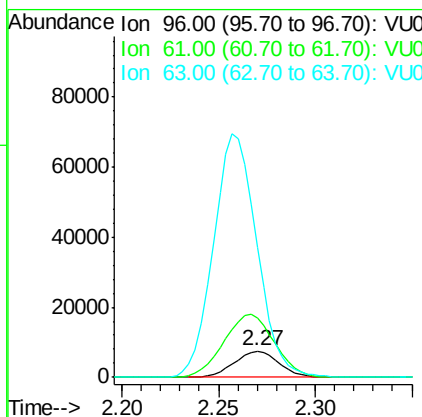
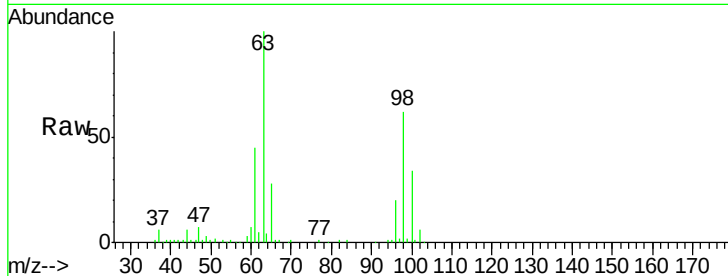




#12
 1,1-Dichloroethene
 Concen: 10.159 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

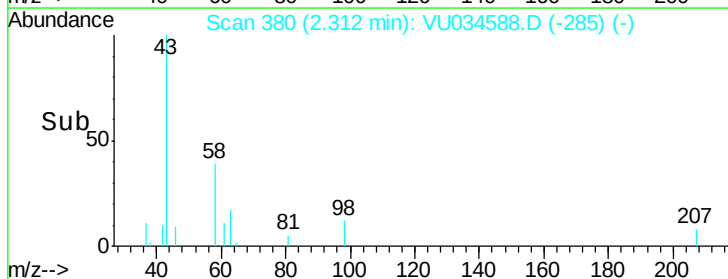
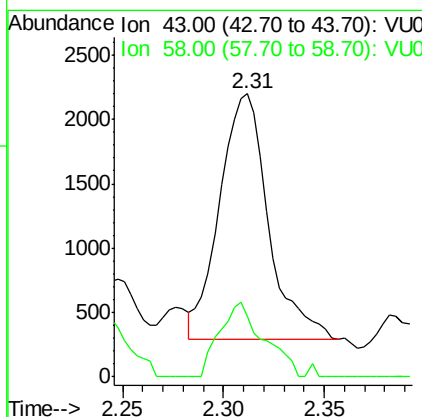
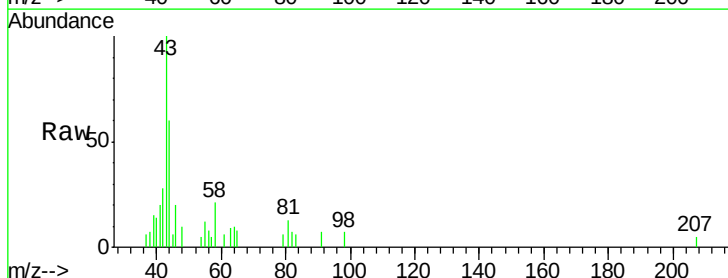
Instrument :
 MSVOA_U
 ClientSampleId :
 COMP6

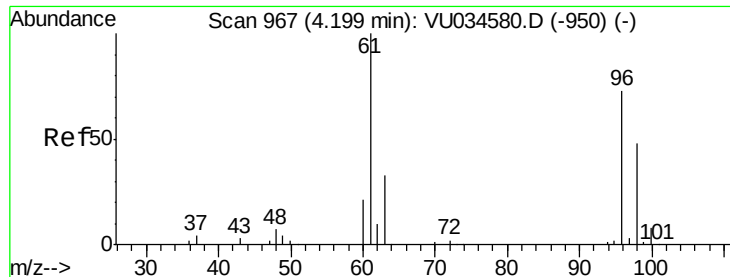
Tot Ion: 96 Resp: 12063
 Ion Ratio Lower Upper
 96 100
 61 225.7 117.8 218.8#
 63 497.3 83.8 155.6#



#13
 Acetone
 Concen: 2.644 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Tgt Ion: 43 Resp: 3230
 Ion Ratio Lower Upper
 43 100
 58 27.4 0.0 65.0

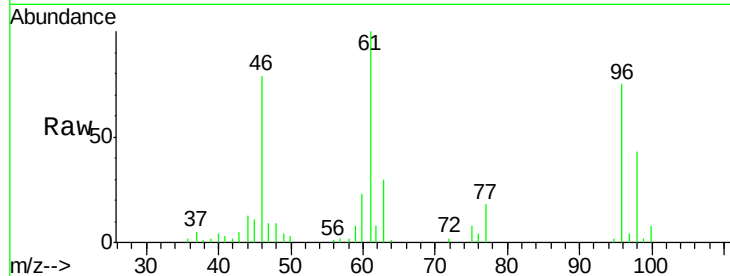




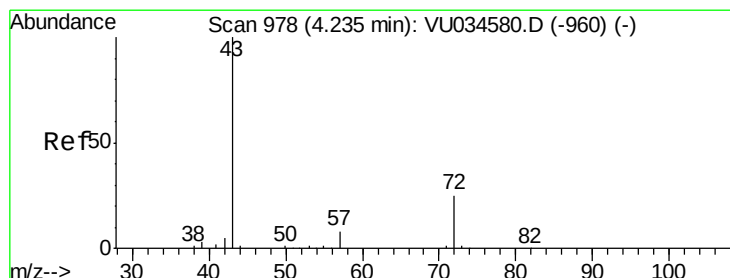
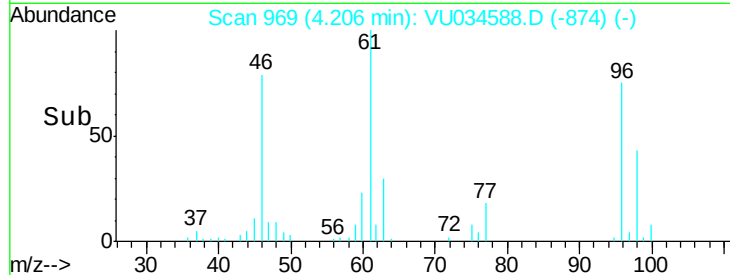
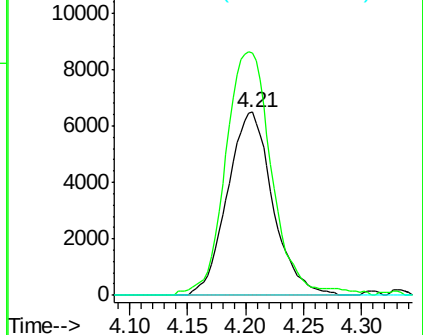
#20
 cis-1,2-Dichloroethene
 Concen: 10.758 ug/L
 RT: 4.21 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP6

Tot Ion: 96 Resp: 17705
 Ion Ratio Lower Upper
 96 100
 61 132.7 94.7 175.9
 68 0.0 0.0 0.0

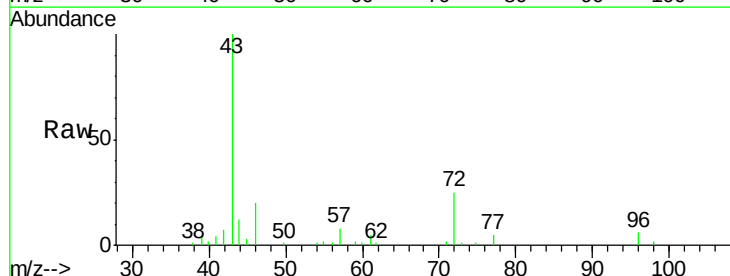


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

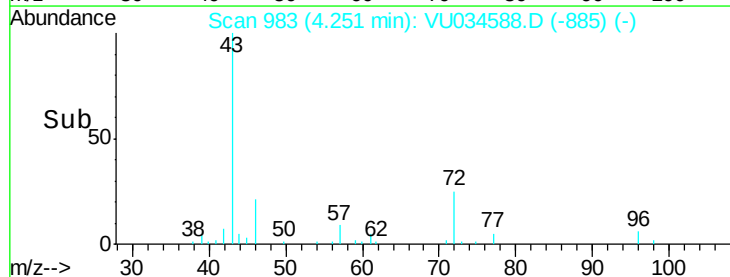
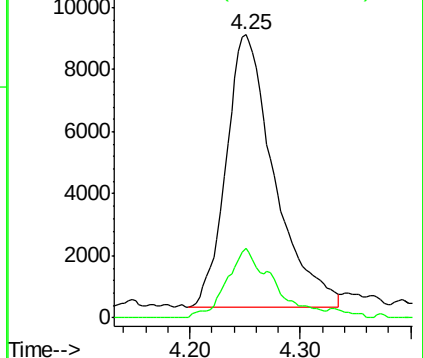


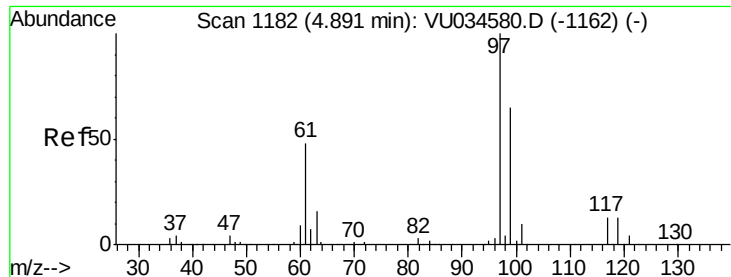
#22
 2-Butanone
 Concen: 17.149 ug/L
 RT: 4.25 min Scan# 983
 Delta R.T. 0.02 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Tgt Ion: 43 Resp: 26647
 Ion Ratio Lower Upper
 43 100
 72 13.7 12.0 36.1



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0

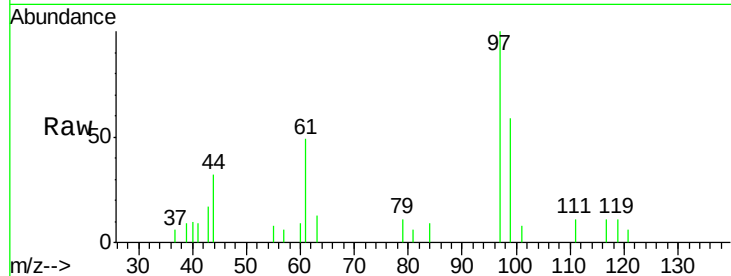




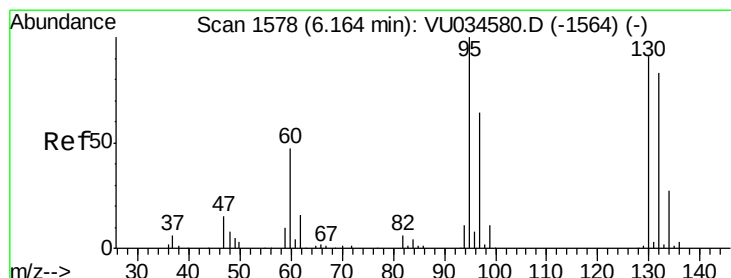
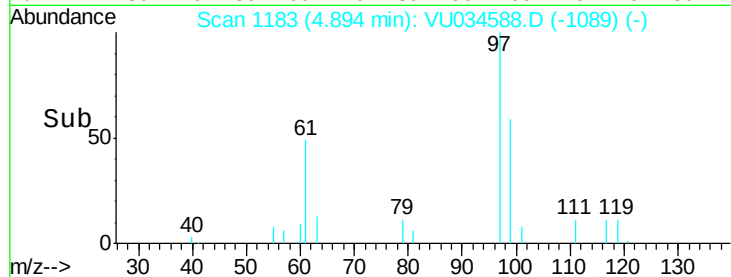
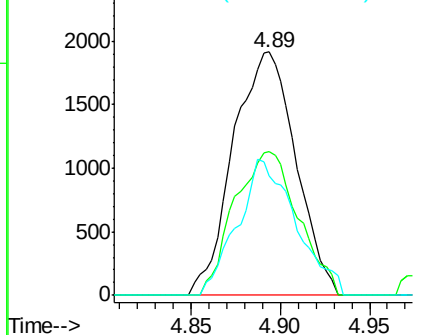
#30
 1,1,1-Trichloroethane
 Concen: 2.026 ug/L
 RT: 4.89 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Instrument :
 MSVOA_U
 ClientSampled :
 COMP6

Tot Ion: 97 Resp: 4683
 Ion Ratio Lower Upper
 97 100
 99 60.1 50.7 76.1
 61 52.2 36.9 55.3



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0



#34
 Trichloroethene
 Concen: 119.674 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034588.D
 Acq: 17 Sep 2019 01:10

Tgt Ion: 95 Resp: 174900
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.4 84.4
 132 88.9 65.2 121.0
 130 91.7 68.5 127.3

Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

