

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 05:06:41 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

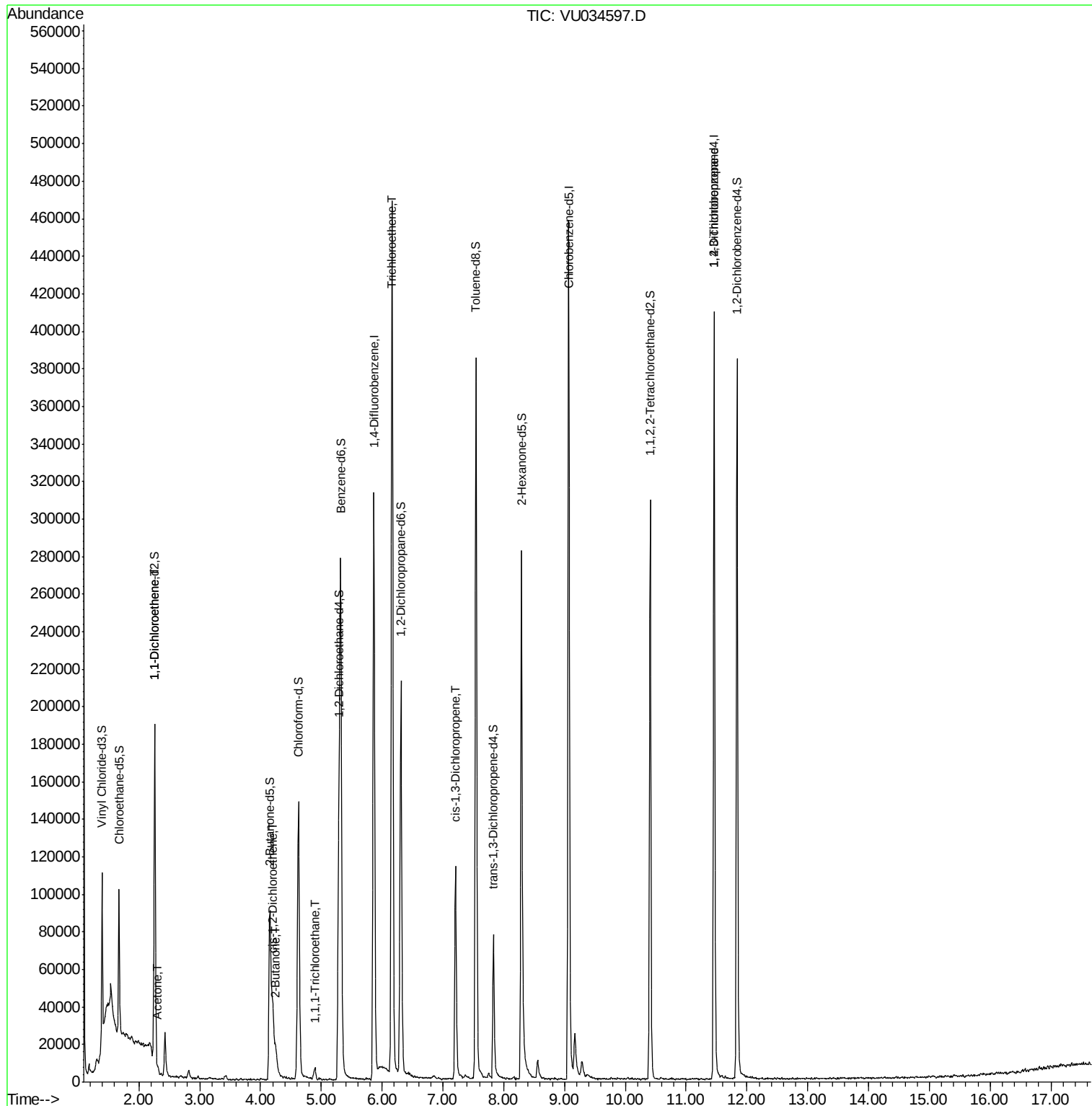
					Qvalue
12) 1,1-Dichloroethene	2.27	96	10959	9.197 ug/L #	1
13) Acetone	2.31	43	2460	2.007 ug/L	68
20) cis-1,2-Dichloroethene	4.21	96	16829	10.189 ug/L	94
22) 2-Butanone	4.25	43	23805	15.266 ug/L	95
30) 1,1,1-Trichloroethane	4.90	97	4587	1.937 ug/L #	70
34) Trichloroethene	6.16	95	161624	107.938 ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	3133	1.143 ug/L	95
59) 1,2,3-Trichloropropane	11.46	75	16101	6.461 ug/L	95

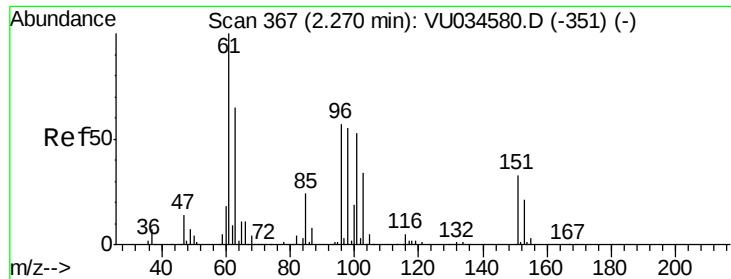
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

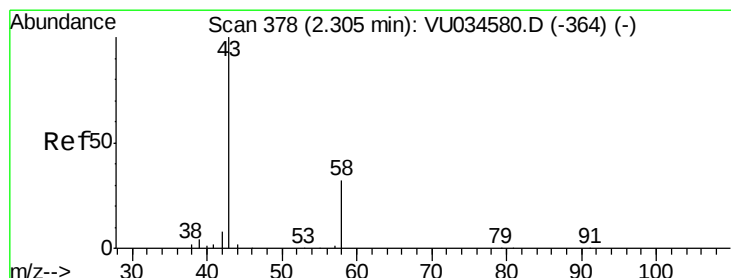
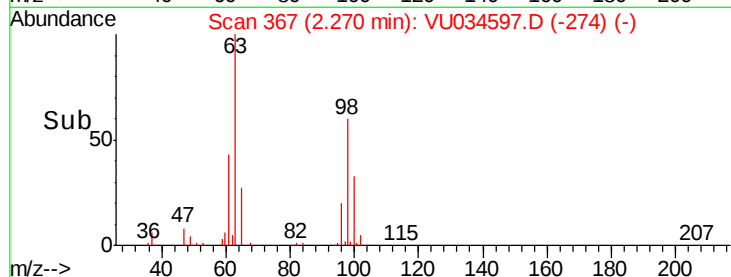
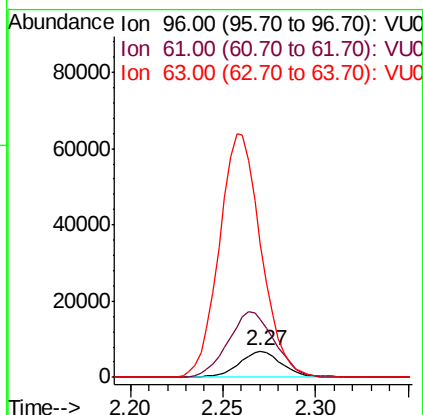
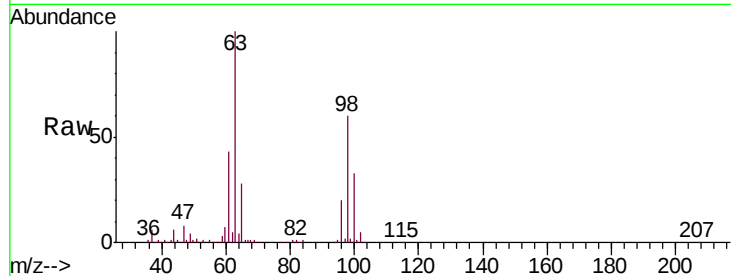
Tgt Ion: 96 Resp: 10959

Ion Ratio Lower Upper

96 100

61 217.4 117.8 218.8

63 504.3 83.8 155.6#



#13

Acetone

Concen: 2.007 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU034597.D

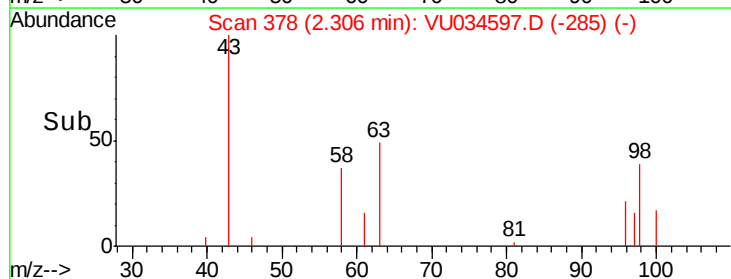
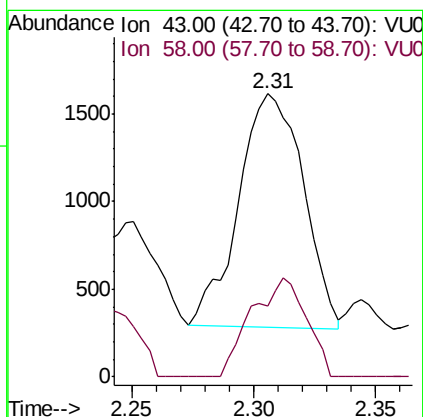
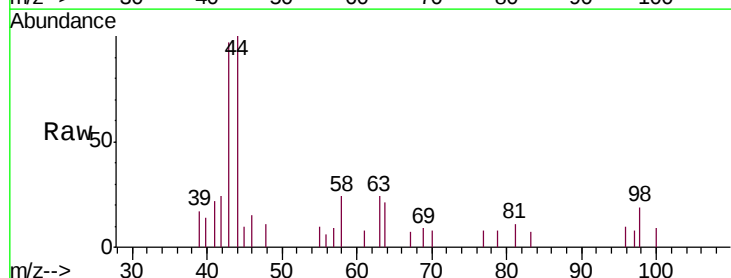
Acq: 17 Sep 2019 04:41

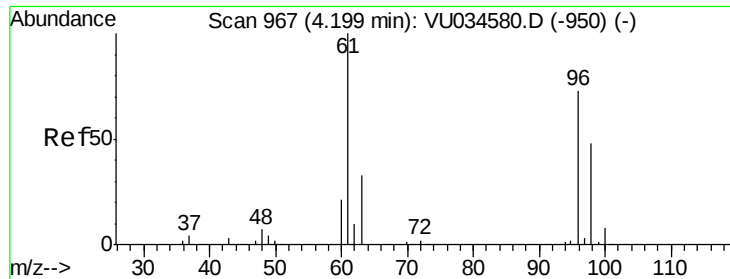
Tgt Ion: 43 Resp: 2460

Ion Ratio Lower Upper

43 100

58 14.3 0.0 65.0

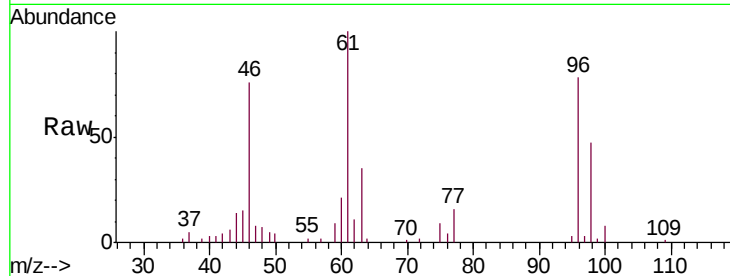




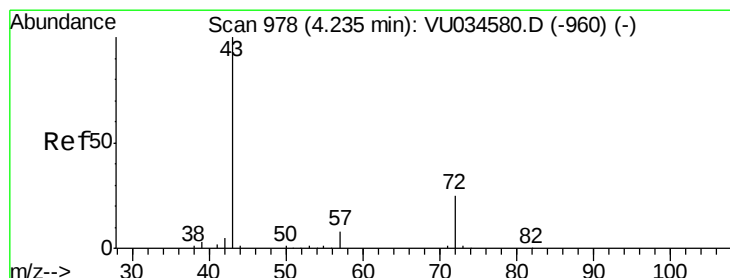
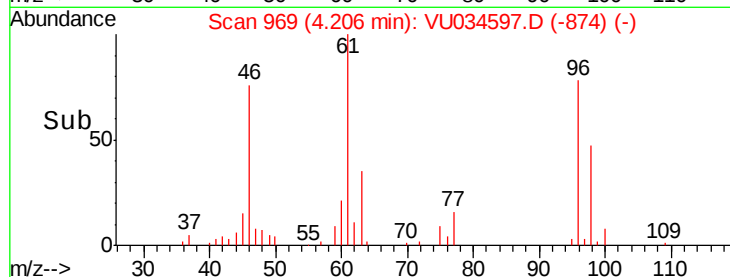
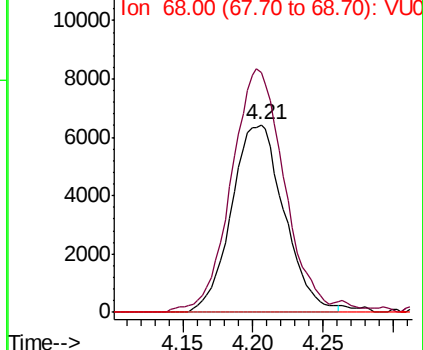
#20
 cis-1,2-Dichloroethene
 Concen: 10.189 ug/L
 RT: 4.21 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: VU034597.D
 Acq: 17 Sep 2019 04:41

Instrument :
 MSVOA_U
 ClientSampled :
 COMP9

Tgt Ion: 96 Resp: 16829
 Ion Ratio Lower Upper
 96 100
 61 127.8 94.7 175.9
 68 0.0 0.0 0.0

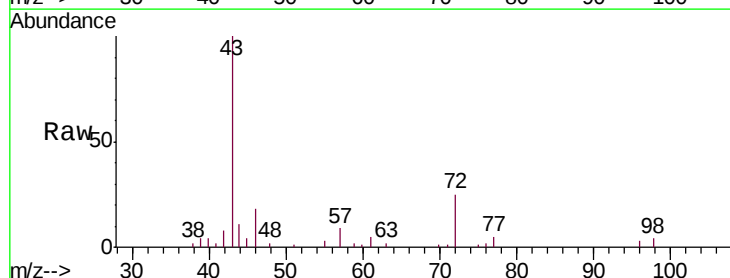


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

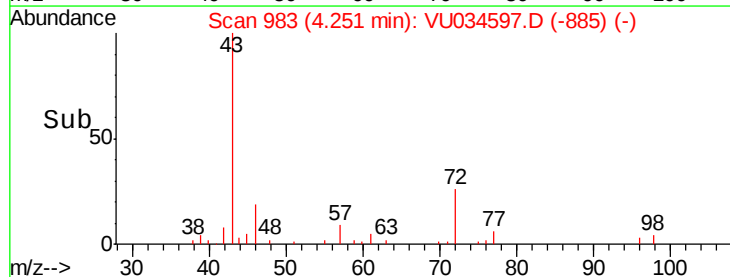
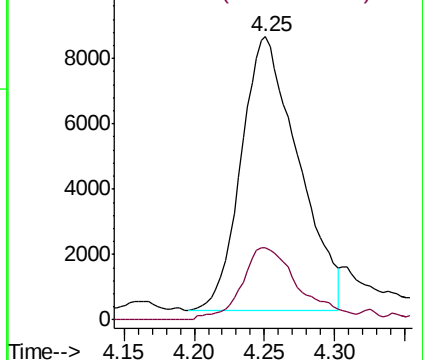


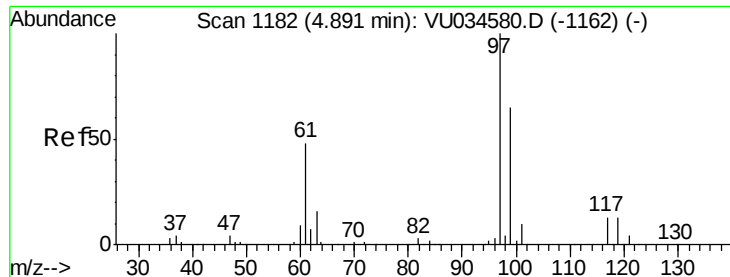
#22
 2-Butanone
 Concen: 15.266 ug/L
 RT: 4.25 min Scan# 983
 Delta R.T. 0.02 min
 Lab File: VU034597.D
 Acq: 17 Sep 2019 04:41

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): VU0
 Ion 72.00 (71.70 to 72.70): VU0

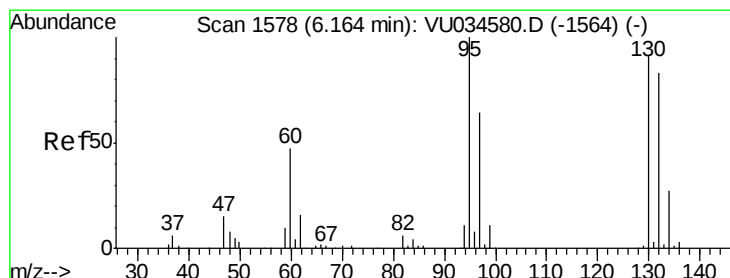
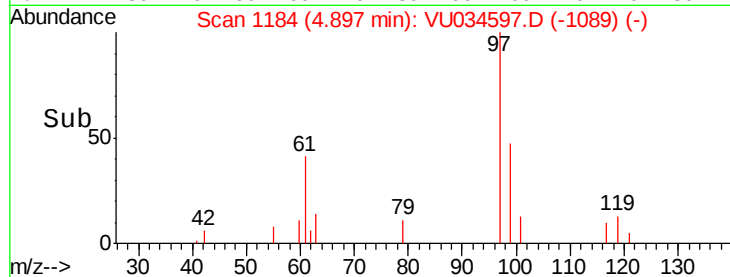
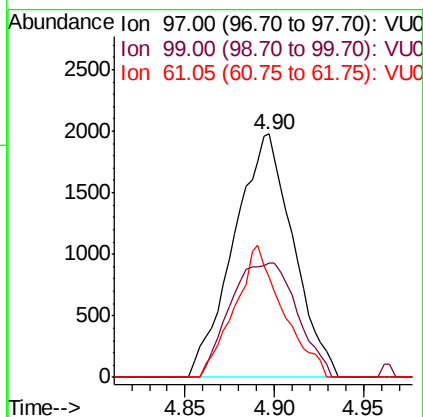
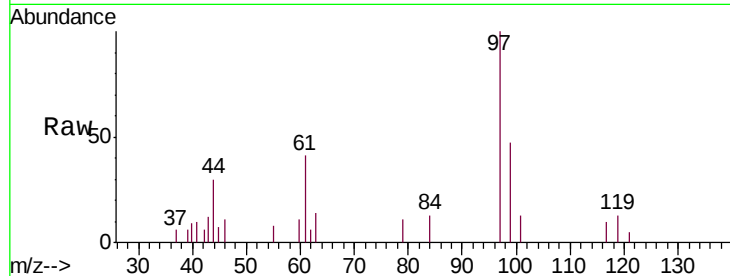




#30
 1,1,1-Trichloroethane
 Concen: 1.937 ug/L
 RT: 4.90 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: VU034597.D
 Acq: 17 Sep 2019 04:41

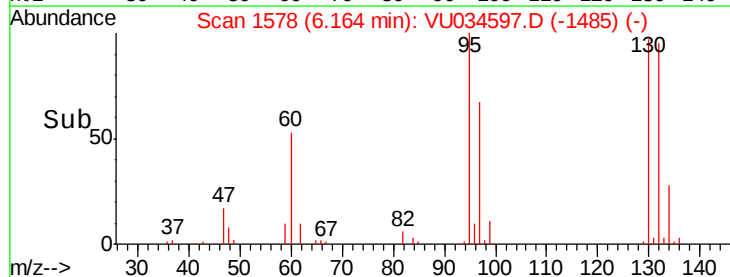
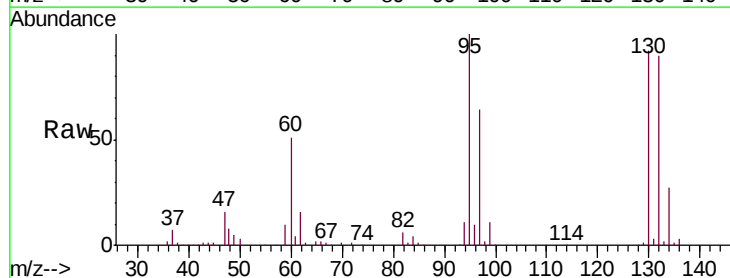
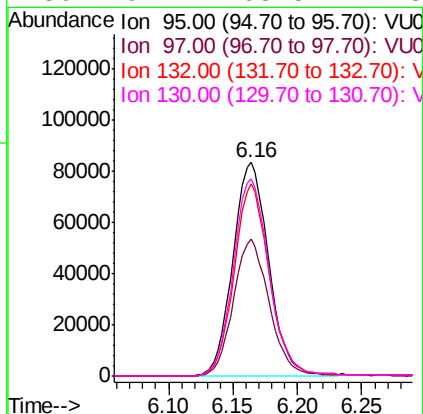
Instrument :
 MSVOA_U
 ClientSampled :
 COMP9

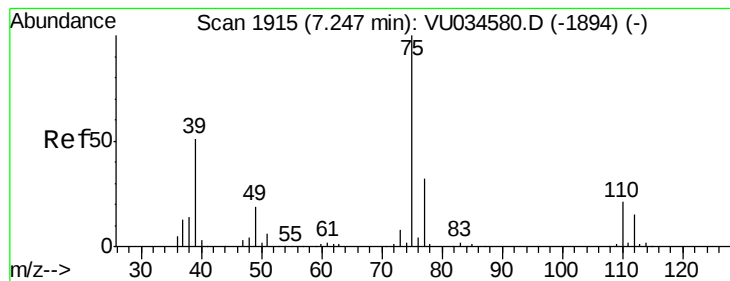
Tgt Ion: 97 Resp: 4587
 Ion Ratio Lower Upper
 97 100
 99 24.4 50.7 76.1#
 61 44.1 36.9 55.3



#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



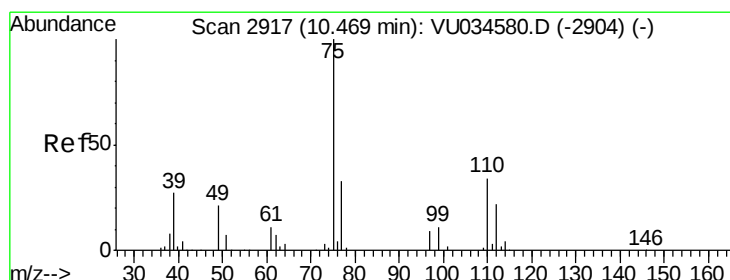
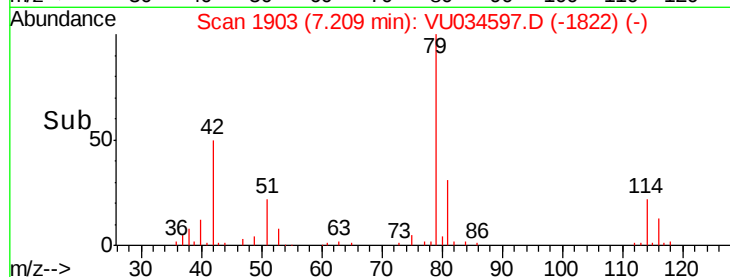
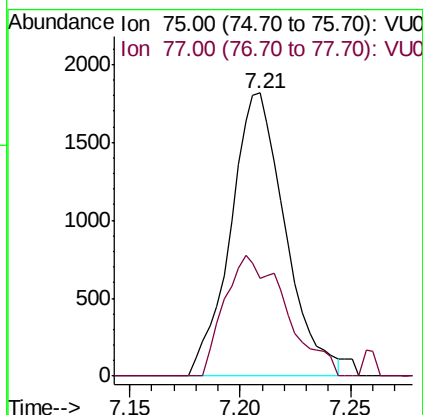
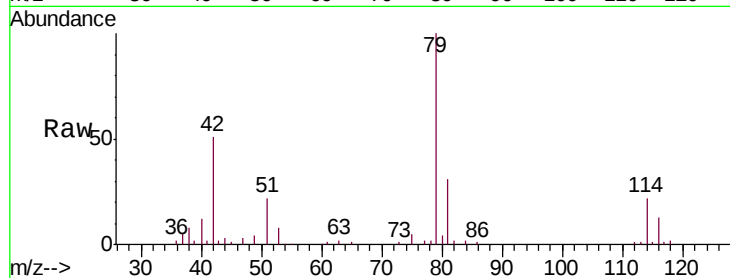


#39

cis-1,3-Dichloropropene
 Concen: 1.143 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU034597.D
 Acq: 17 Sep 2019 04:41

Instrument :
 MSVOA_U
 ClientSampled :
 COMP9

Tgt Ion: 75 Resp: 3133
 Ion Ratio Lower Upper
 75 100
 77 34.7 22.3 41.3



#59

1,2,3-Trichloropropane
 Concen: 6.461 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034597.D
 Acq: 17 Sep 2019 04:41

Tgt Ion: 75 Resp: 16101
 Ion Ratio Lower Upper
 75 100
 77 35.6 26.1 39.1

