

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
 Data File : VU034569.D
 Acq On : 16 Sep 2019 16:58
 Operator : JC/SP
 Sample : K4838-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0MC4

Quant Time: Sep 17 04:14:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 02:36:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	314690	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	288929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	120795	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74920	49.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.70%
7) Chloroethane-d5	1.67	69	61883	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.26	63	121380	39.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.14%
21) 2-Butanone-d5	4.15	46	184396	107.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.71%
24) Chloroform-d	4.62	84	177207	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
26) 1,2-Dichloroethane-d4	5.29	65	109708	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
32) Benzene-d6	5.32	84	337035	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
36) 1,2-Dichloropropane-d6	6.31	67	132620	56.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.16%
41) Toluene-d8	7.54	98	324058	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%
43) trans-1,3-Dichloropropene-	7.83	79	61281	54.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.64%
47) 2-Hexanone-d5	8.29	63	140177	109.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.27%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192961	52.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.44%
64) 1,2-Dichlorobenzene-d4	11.84	152	118814	55.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.28%

Target Compounds

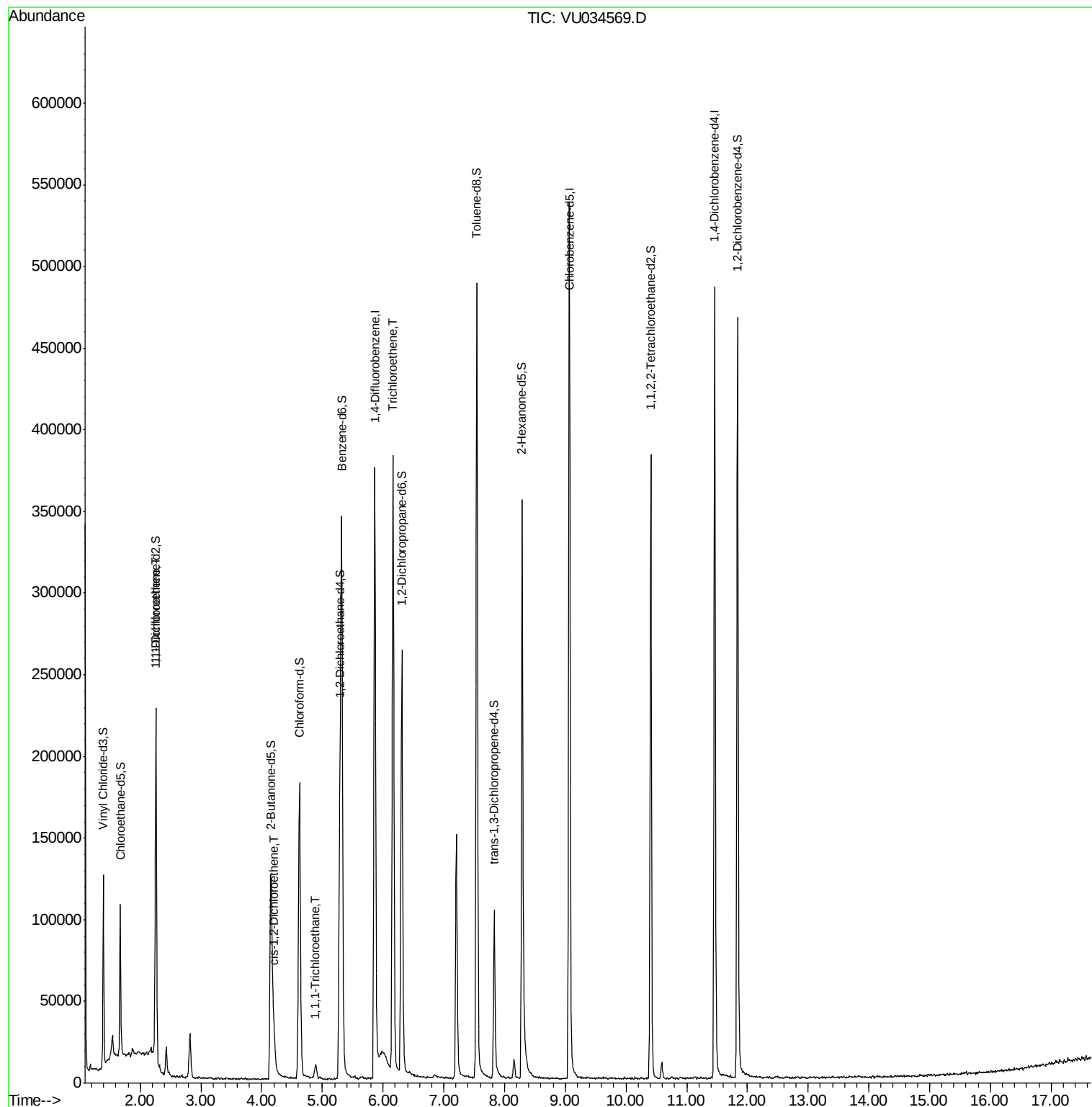
					Qvalue
12) 1,1-Dichloroethene	2.27	96	8192	5.477 ug/L	# 1
20) cis-1,2-Dichloroethene	4.21	96	10135	4.889 ug/L	96
30) 1,1,1-Trichloroethane	4.89	97	6456	2.236 ug/L	97
34) Trichloroethene	6.16	95	133339	73.036 ug/L	96

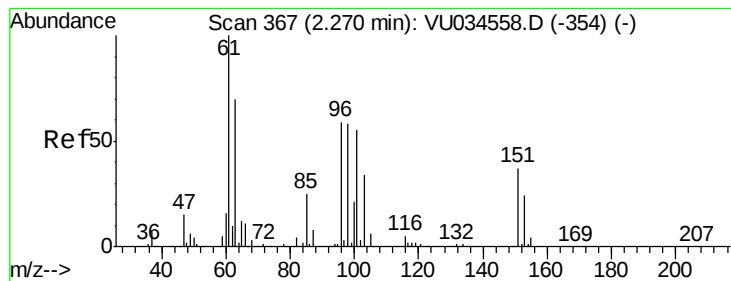
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.477 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU034569.D

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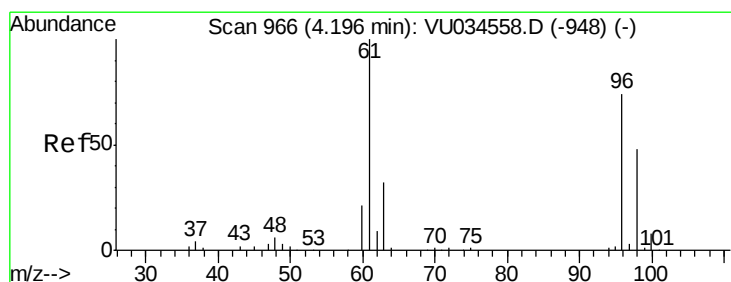
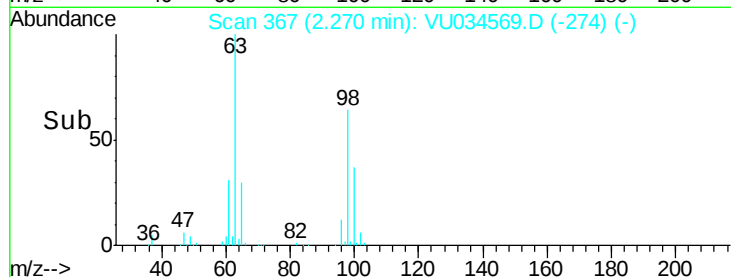
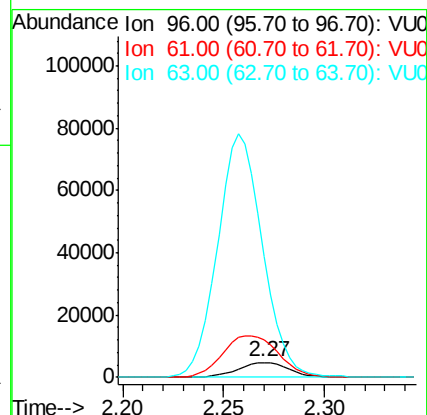
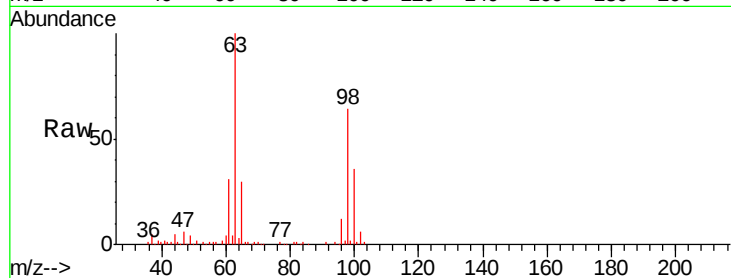
Tgt Ion: 96 Resp: 8192

Ion Ratio Lower Upper

96 100

61 254.6 117.8 218.8#

63 825.7 83.8 155.6#



#20

cis-1,2-Dichloroethene

Concen: 4.889 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU034569.D

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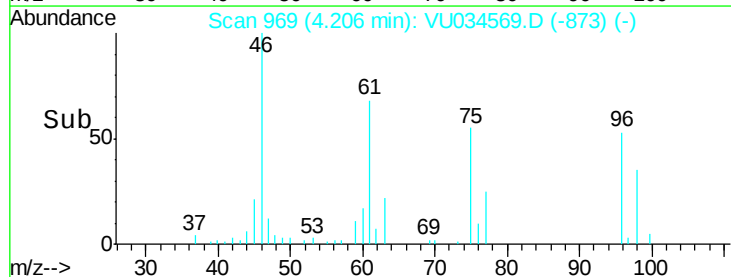
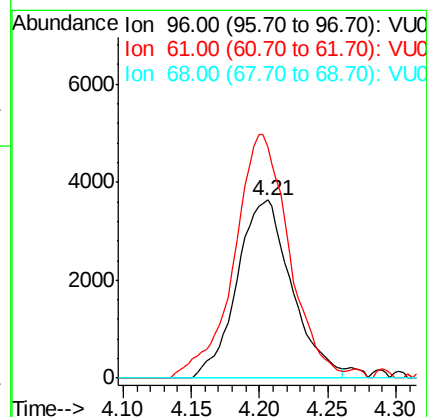
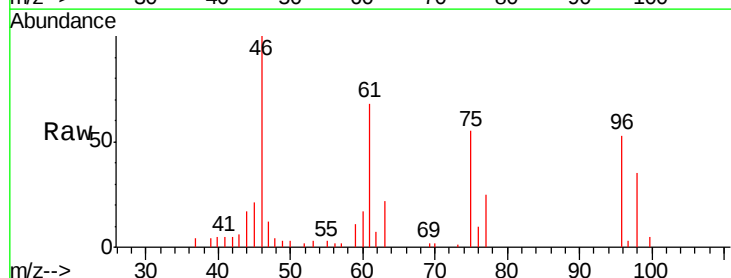
Tgt Ion: 96 Resp: 10135

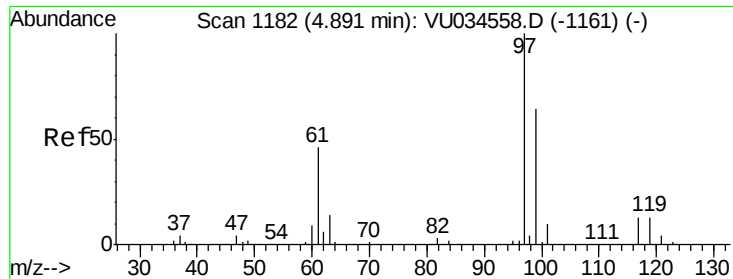
Ion Ratio Lower Upper

96 100

61 130.0 94.7 175.9

68 0.0 0.0 0.0

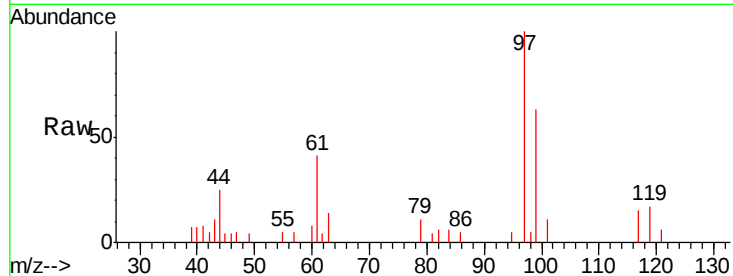




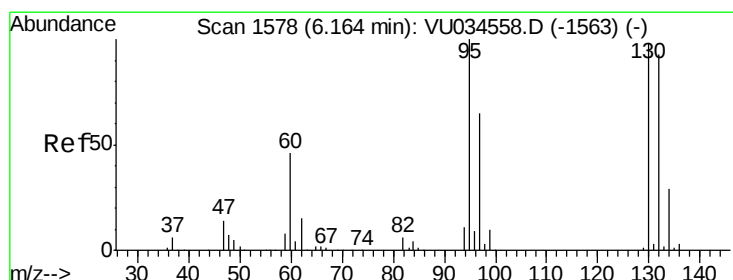
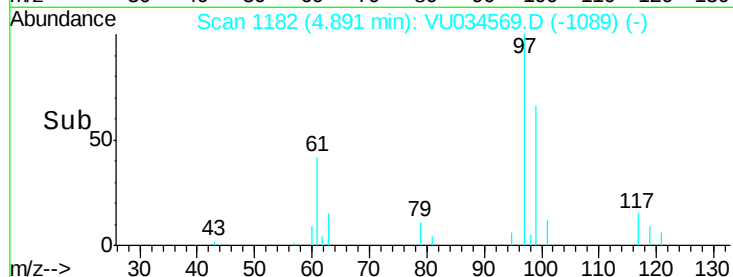
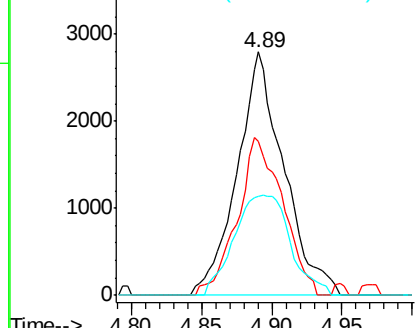
#30
 1,1,1-Trichloroethane
 Concen: 2.236 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VU034569.D
 Acq: 16 Sep 2019 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 C0MC4

Tgt Ion: 97 Resp: 6456
 Ion Ratio Lower Upper
 97 100
 99 62.4 50.7 76.1
 61 49.6 36.9 55.3

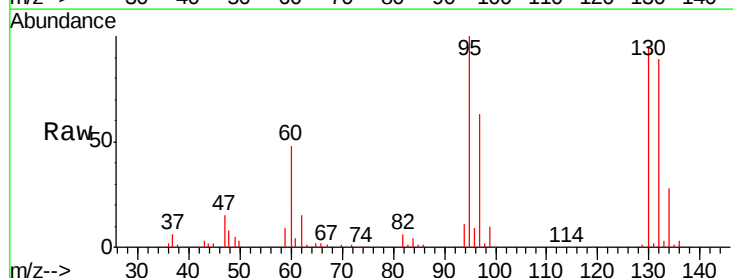


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0



#34
 Trichloroethene
 Concen: 73.036 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034569.D
 Acq: 16 Sep 2019 16:58

Tgt Ion: 95 Resp: 133339
 Ion Ratio Lower Upper
 95 100
 97 62.6 45.4 84.4
 132 88.5 65.2 121.0
 130 94.8 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): VU0
 Ion 130.00 (129.70 to 130.70): VU0

