

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034768.D
 Acq On : 24 Sep 2019 14:04
 Operator : JC/SP
 Sample : K4984-04 10X
 Misc : 5.38g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDK8

Quant Time: Sep 25 03:44:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	436900	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	415258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	185760	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	180564	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.66	69	159064	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.02%
11) 1,1-Dichloroethene-d2	2.25	63	253665	33.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.98%
21) 2-Butanone-d5	4.15	46	353962	103.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.62	84	316797	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.28	65	224564	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.31	84	680820	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.31	67	241300	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.28%
41) Toluene-d8	7.54	98	661104	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%
43) trans-1,3-Dichloropropene-	7.83	79	109094	50.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.26%
47) 2-Hexanone-d5	8.29	63	244616	108.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335971	53.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.64%
64) 1,2-Dichlorobenzene-d4	11.84	152	220055	56.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.98%

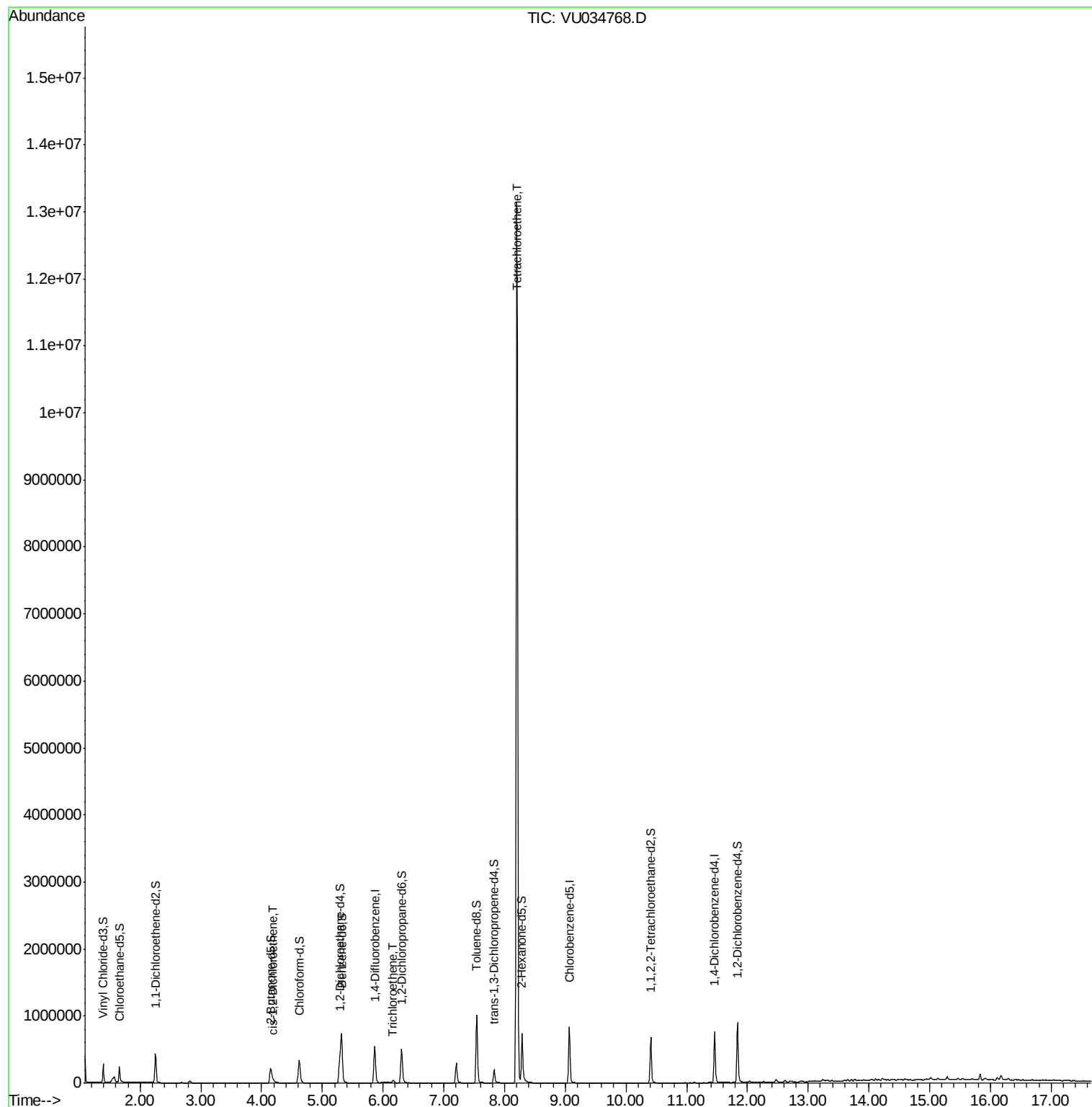
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	7860	2.151 ug/L	82
34) Trichloroethene	6.17	95	12585	3.538 ug/L	96
46) Tetrachloroethene	8.21	164	2528823	1010.749 ug/L	97

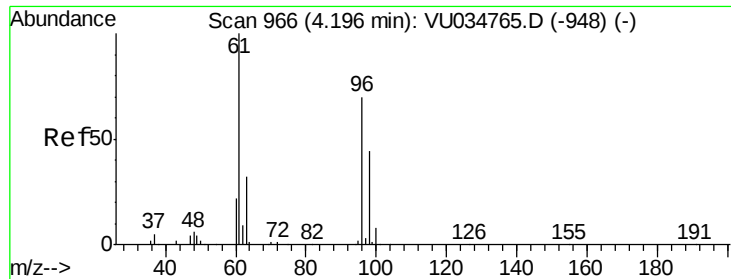
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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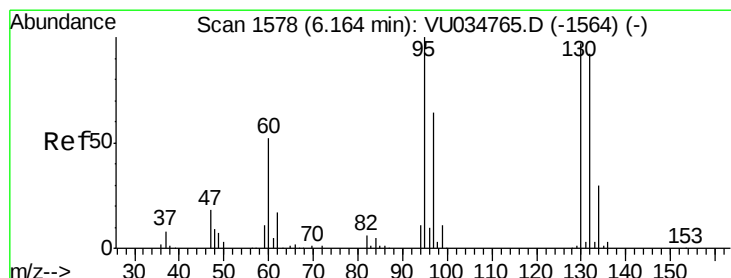
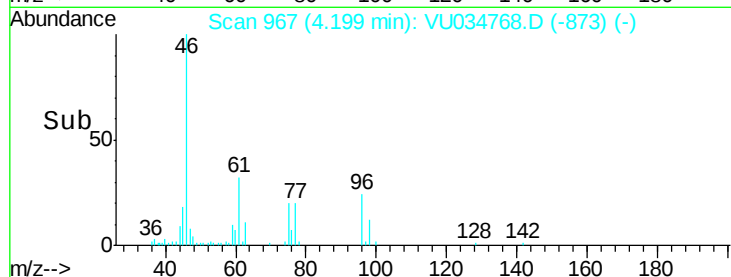
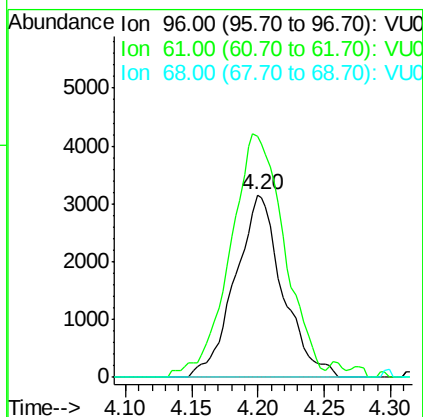
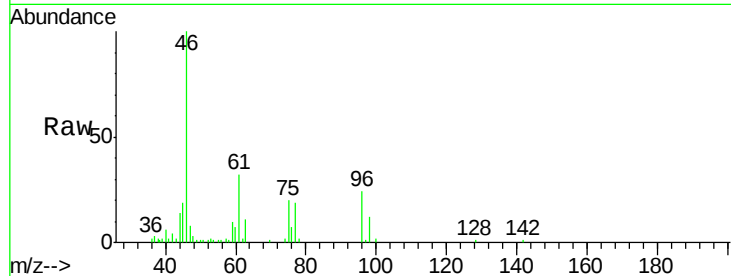




#20
 cis-1,2-Dichloroethene
 Concen: 2.151 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034768.D
 Acq: 24 Sep 2019 14:04

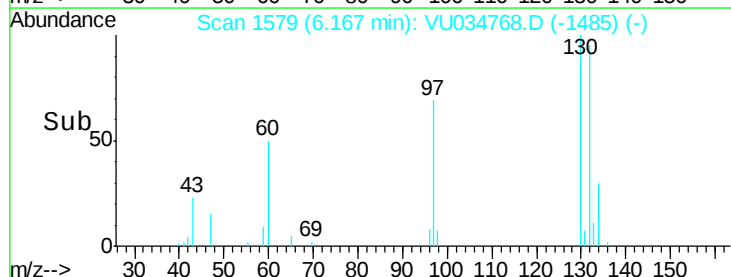
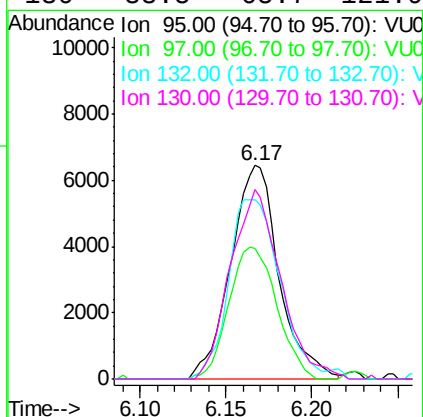
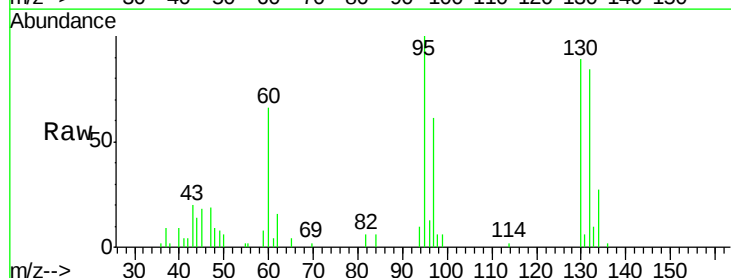
Instrument :
 MSVOA_U
 ClientSampled :
 BEDK8

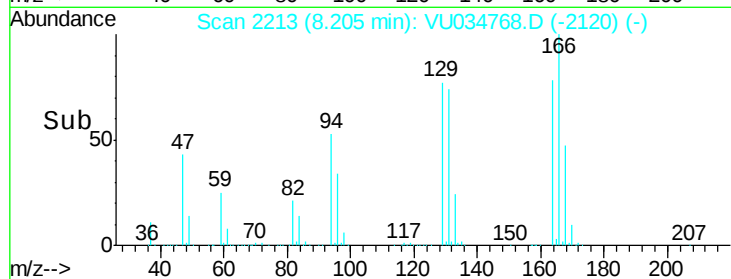
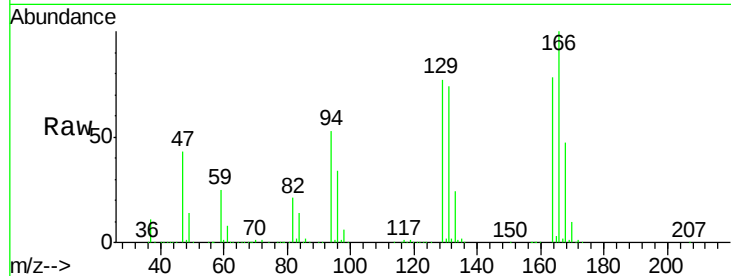
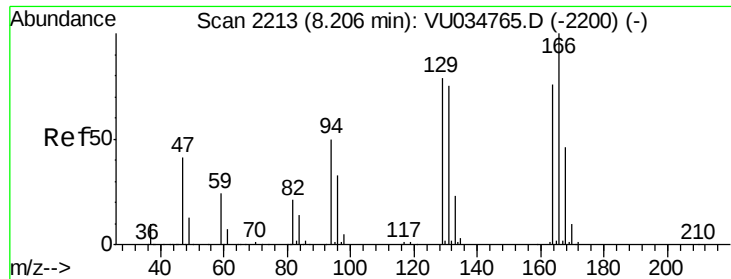
Tot Ion: 96 Resp: 7860
 Ion Ratio Lower Upper
 96 100
 61 132.3 108.8 202.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.538 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034768.D
 Acq: 24 Sep 2019 14:04

Tgt Ion: 95 Resp: 12585
 Ion Ratio Lower Upper
 95 100
 97 61.0 43.7 81.1
 132 83.8 61.0 113.2
 130 88.5 65.7 121.9





#46

Tetrachloroethene

Concen: 1010.749 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034768.D

Acq: 24 Sep 2019 14:04

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:164 Resp: 2528823

Ion Ratio Lower Upper

164 100

129 98.0 71.9 133.5

131 94.9 66.3 123.1

166 127.9 93.4 173.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

