

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034784.D
 Acq On : 24 Sep 2019 20:20
 Operator : JC/SP
 Sample : K4948-01DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDM9DL

Quant Time: Sep 25 07:24:46 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	590649	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	564964	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	252157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204489	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.64%
7) Chloroethane-d5	1.64	69	181596	38.86	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.72%
11) 1,1-Dichloroethene-d2	2.24	63	295628	28.87	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.74%#
21) 2-Butanone-d5	4.15	46	480474	103.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	4.62	84	389909	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	5.28	65	272490	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
32) Benzene-d6	5.31	84	816449	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
36) 1,2-Dichloropropane-d6	6.31	67	290143	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.80%
41) Toluene-d8	7.54	98	765283	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	7.83	79	136221	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
47) 2-Hexanone-d5	8.29	63	346403	112.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	424989	50.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.08%
64) 1,2-Dichlorobenzene-d4	11.84	152	276834	52.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.72%

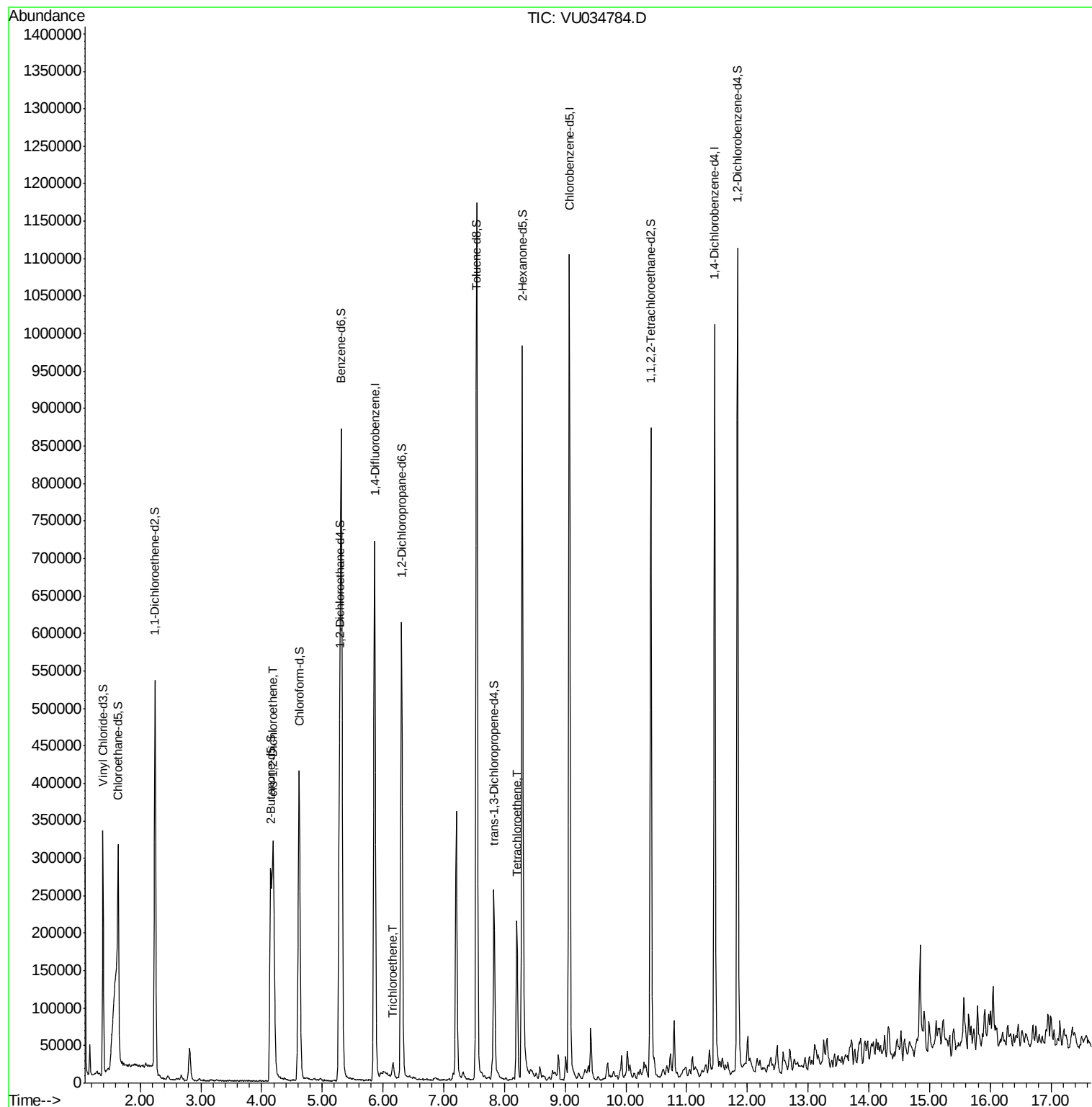
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.19	96	145230	29.398 ug/L	88
34) Trichloroethene	6.17	95	5819	1.202 ug/L	91
46) Tetrachloroethene	8.21	164	45972	13.506 ug/L	92

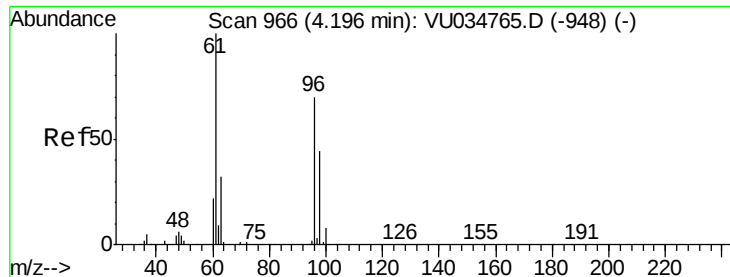
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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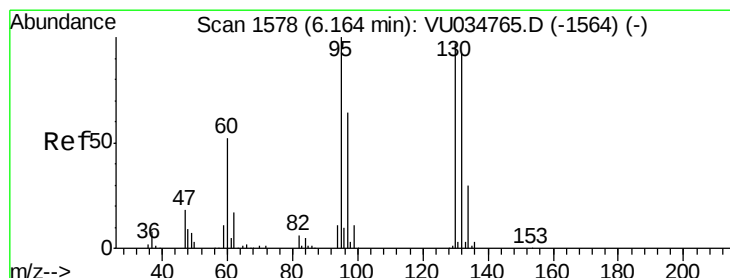
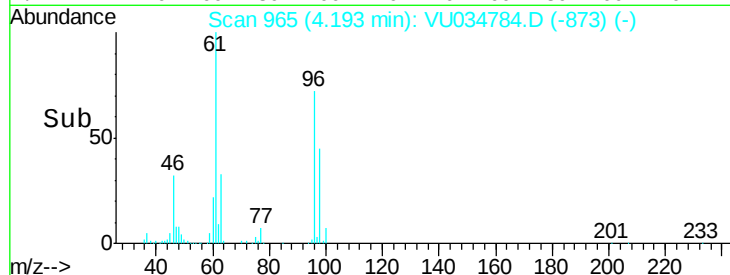
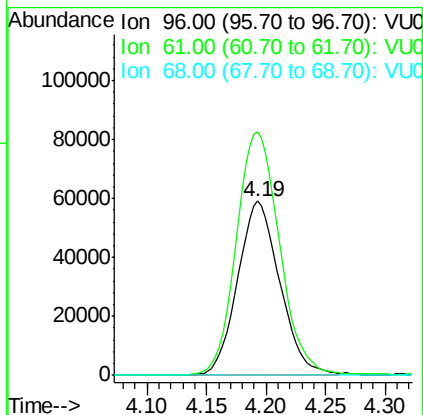
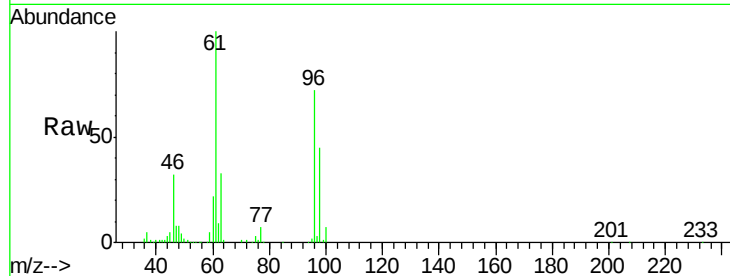




#20
 cis-1,2-Dichloroethene
 Concen: 29.398 ug/L
 RT: 4.19 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VU034784.D
 Acq: 24 Sep 2019 20:20

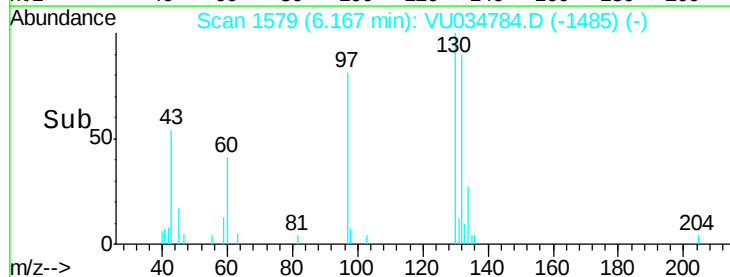
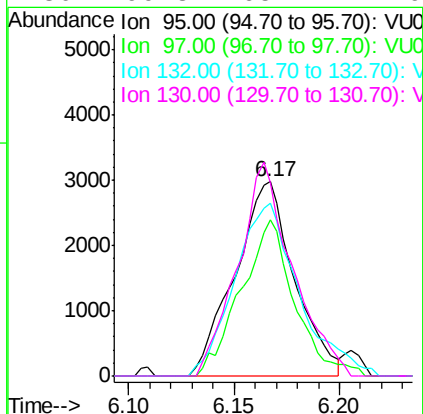
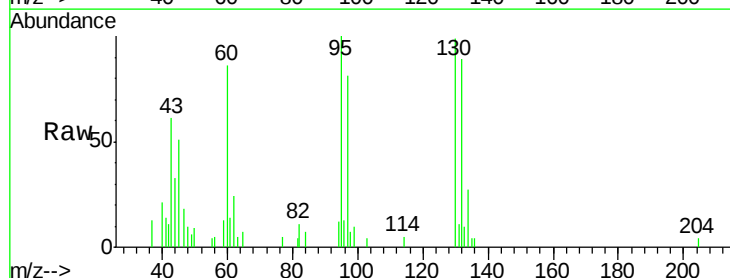
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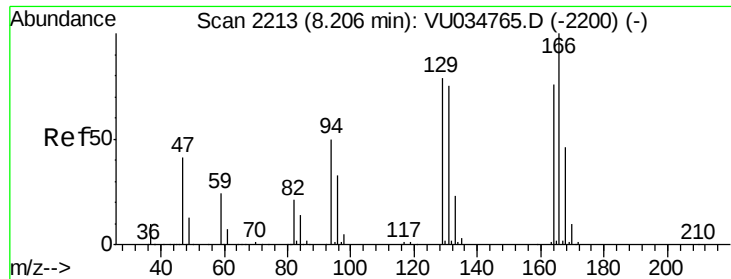
Tot Ion: 96 Resp: 145230
 Ion Ratio Lower Upper
 96 100
 61 139.8 108.8 202.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.202 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034784.D
 Acq: 24 Sep 2019 20:20

Tgt Ion: 95 Resp: 5819
 Ion Ratio Lower Upper
 95 100
 97 80.7 43.7 81.1
 132 89.1 61.0 113.2
 130 99.3 65.7 121.9





#46

Tetrachloroethene

Concen: 13.506 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034784.D

Acq: 24 Sep 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

BEDM9DL

Tot Ion:164 Resp: 45972

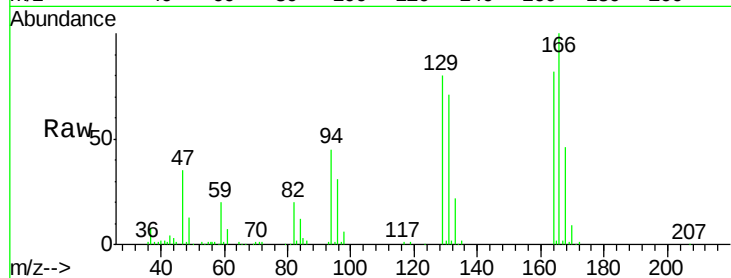
Ion Ratio Lower Upper

164 100

129 97.4 71.9 133.5

131 86.2 66.3 123.1

166 122.1 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

