

Data File : VU034690.D
Acq On : 20 Sep 2019 15:45
Operator : JC/SP
Sample : K4984-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 21 02:33:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	502849	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	465919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	215098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213941	41.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.12%
7) Chloroethane-d5	1.67	69	188520	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.76%
11) 1,1-Dichloroethene-d2	2.26	63	291048	33.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.78%
21) 2-Butanone-d5	4.16	46	413881	104.90	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.90%
24) Chloroform-d	4.62	84	343992	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.29	65	255299	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
32) Benzene-d6	5.32	84	699056	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.31	67	249520	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.54	98	646821	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%
43) trans-1,3-Dichloropropene-	7.83	79	112720	46.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.26%
47) 2-Hexanone-d5	8.29	63	265668	104.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	322651	46.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	213498	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%

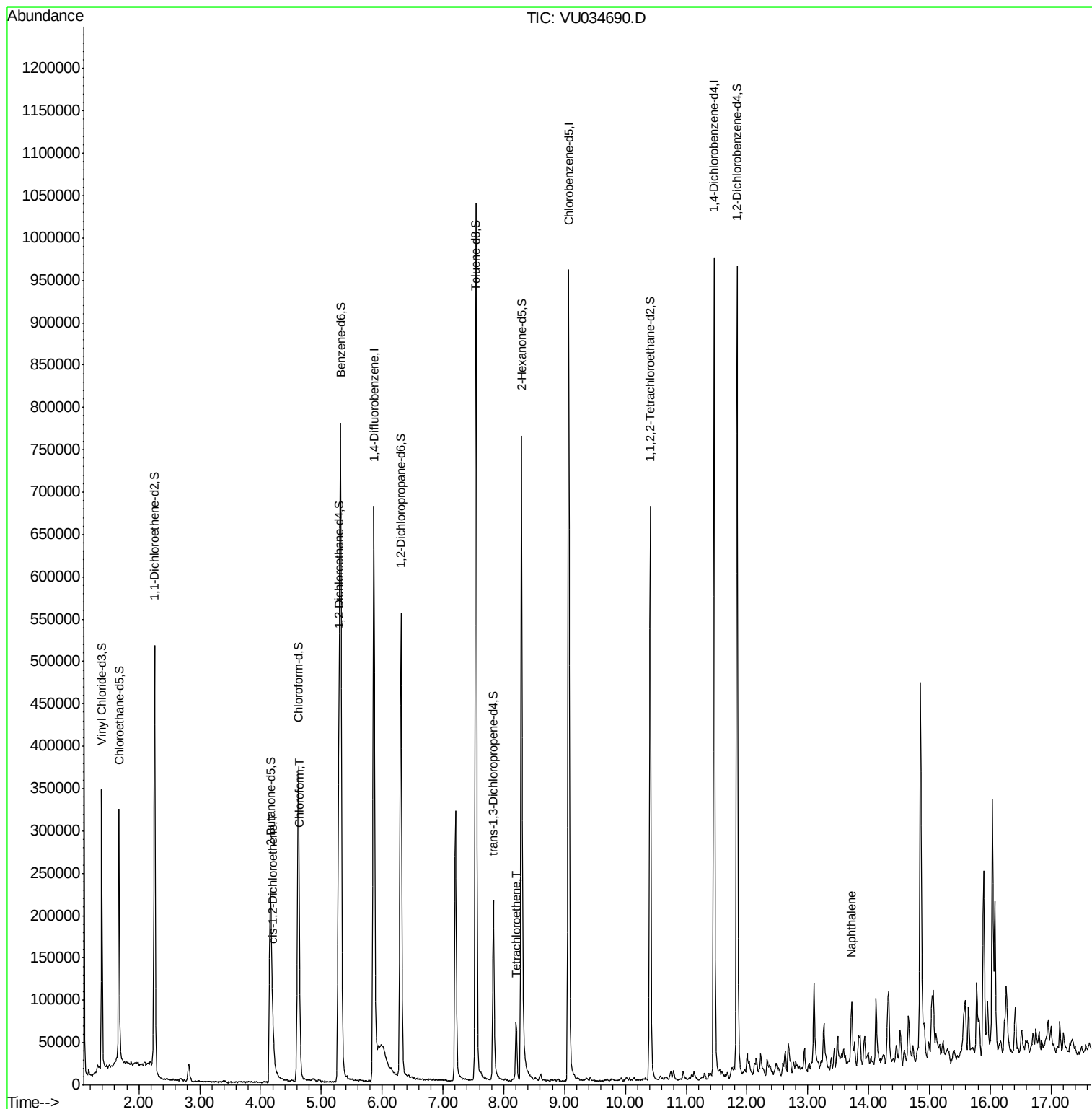
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	9574	2.276 ug/L	94
25) Chloroform	4.65	83	10018	1.233 ug/L #	72
46) Tetrachloroethene	8.21	164	13315	4.743 ug/L	96
69) Naphthalene	13.72	128	59361	4.369 ug/L	98

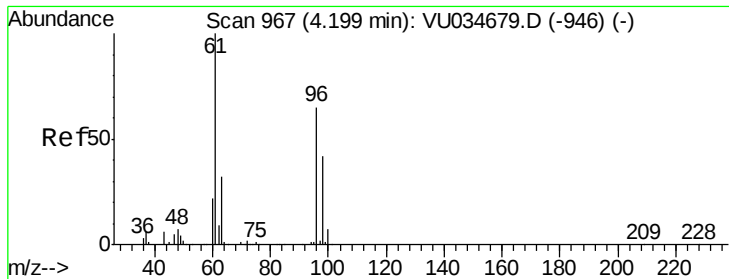
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.276 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

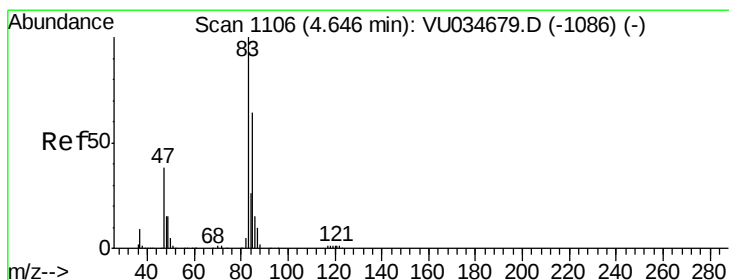
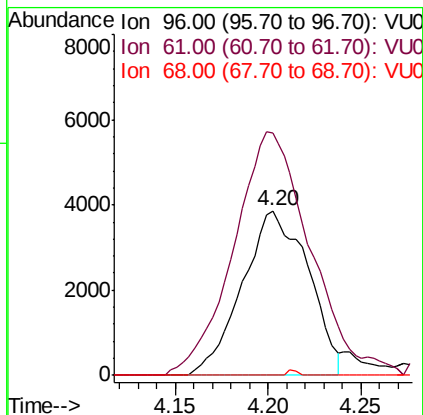
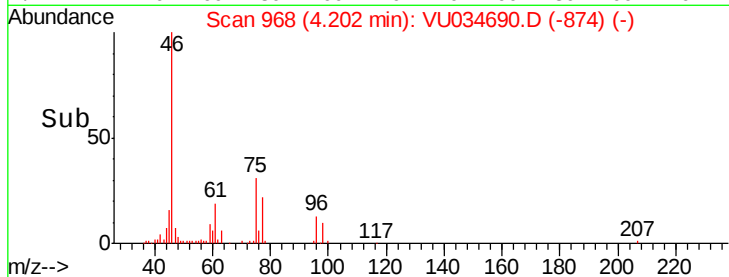
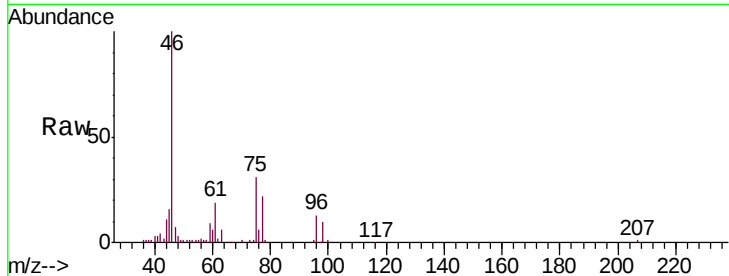
Tgt Ion: 96 Resp: 9574

Ion Ratio Lower Upper

96 100

61 147.6 108.8 202.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 1.233 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

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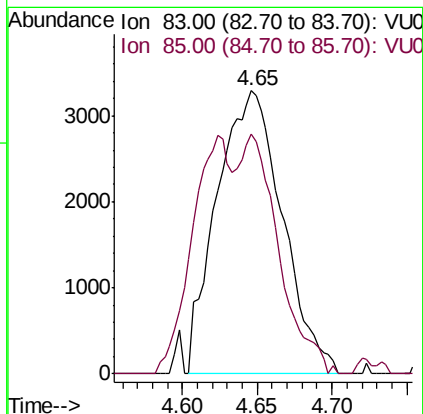
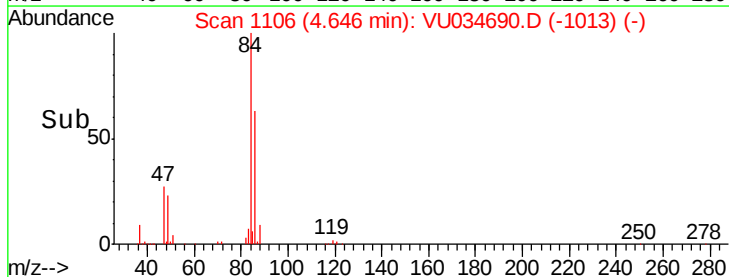
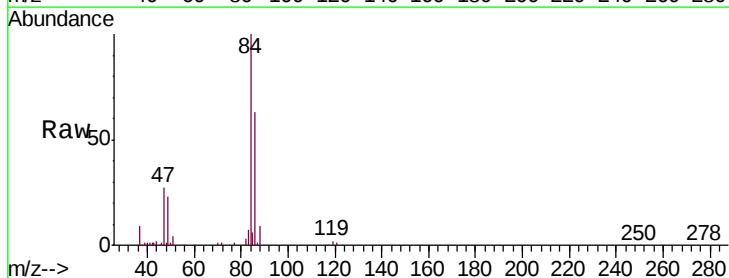
Acq: 20 Sep 2019 15:45

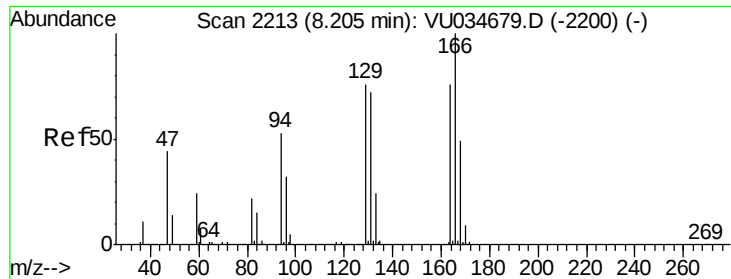
Tgt Ion: 83 Resp: 10018

Ion Ratio Lower Upper

83 100

85 84.5 44.0 81.6#





#46

Tetrachloroethene

Concen: 4.743 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion:164 Resp: 13315

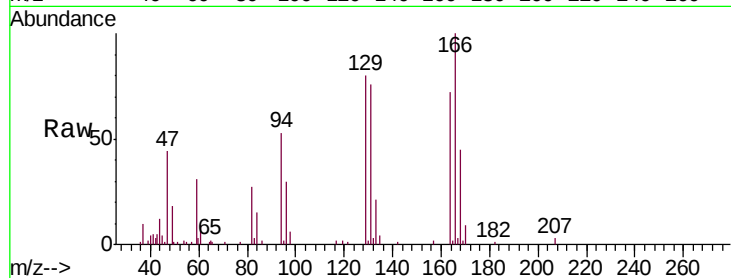
Ion Ratio Lower Upper

164 100

129 108.3 71.9 133.5

131 102.1 66.3 123.1

166 135.1 93.4 173.6

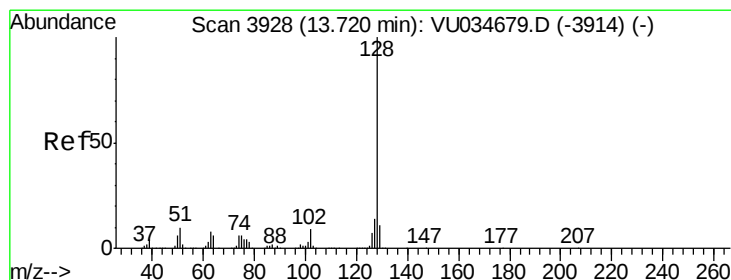
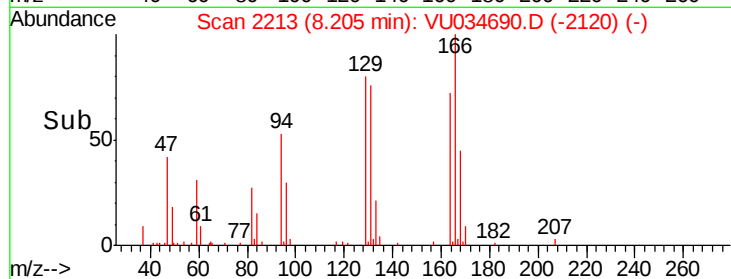
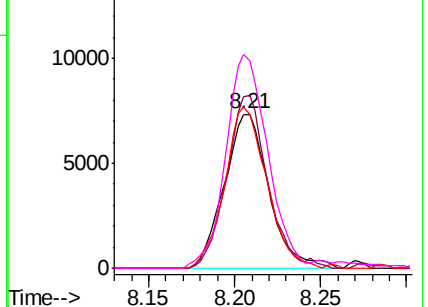


Abundance Ion 164.00 (163.70 to 164.70): V

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



#69

Naphthalene

Concen: 4.369 ug/L

RT: 13.72 min Scan# 3929

Delta R.T. 0.00 min

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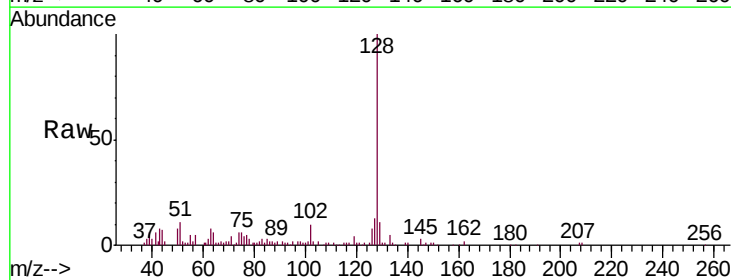
Tgt Ion:128 Resp: 59361

Ion Ratio Lower Upper

128 100

127 14.6 10.8 16.2

129 10.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

