

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 03:05:34 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%

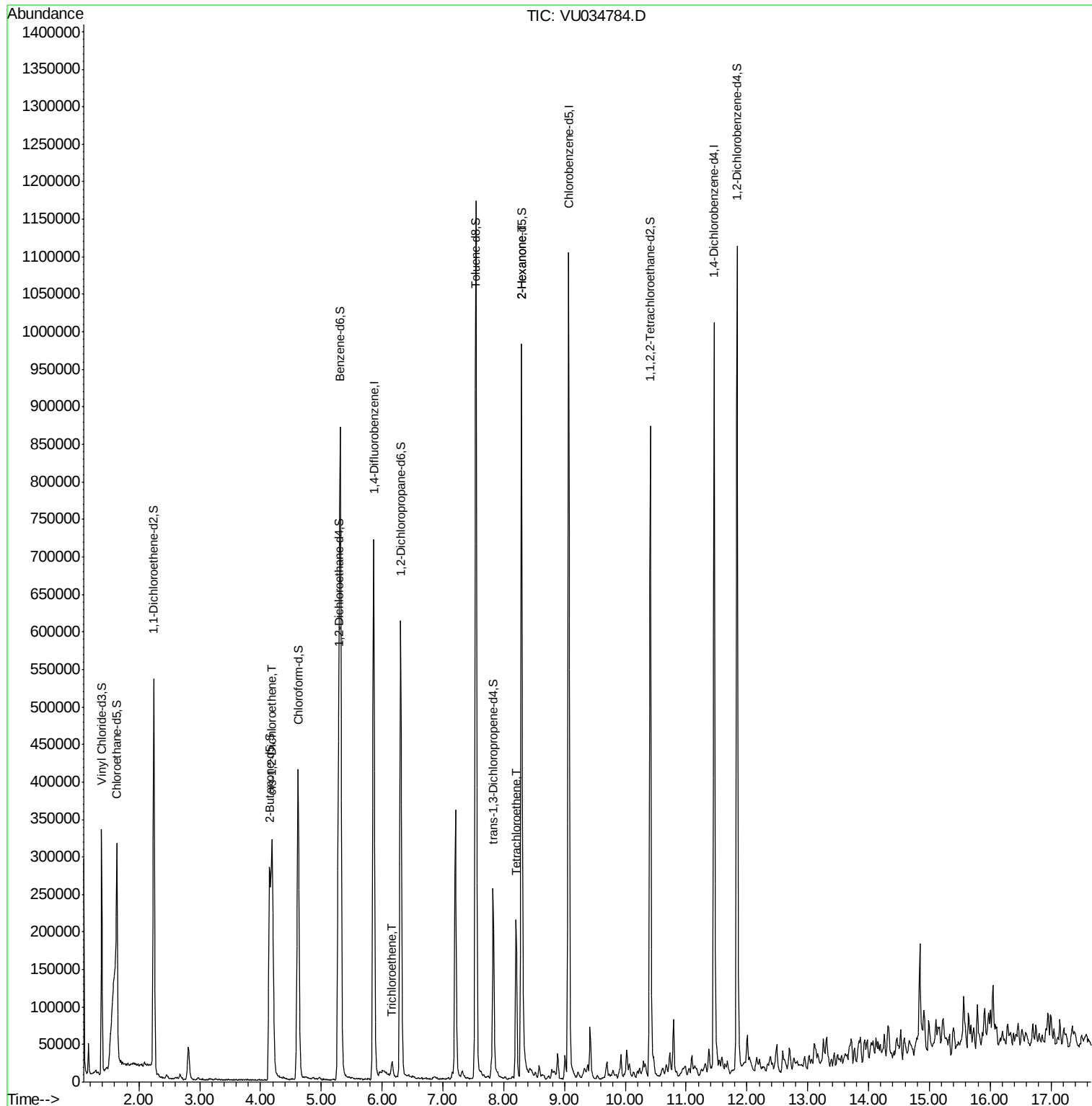
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.19	96	145230	29.398	ug/L	88
34) Trichloroethene	6.17	95	5819	1.202	ug/L	91
46) Tetrachloroethene	8.21	164	45972	13.506	ug/L	92
48) 2-Hexanone	8.29	43	47131	5.417	ug/L #	66

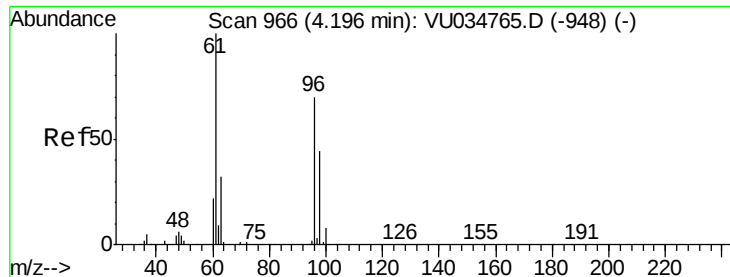
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 24 Sep 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

BEDM9DL

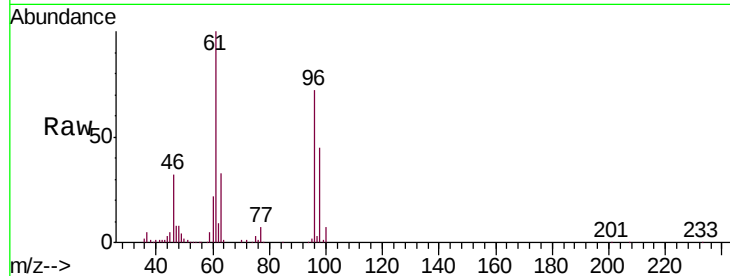
Tgt Ion: 96 Resp: 145230

Ion Ratio Lower Upper

96 100

61 139.8 108.8 202.2

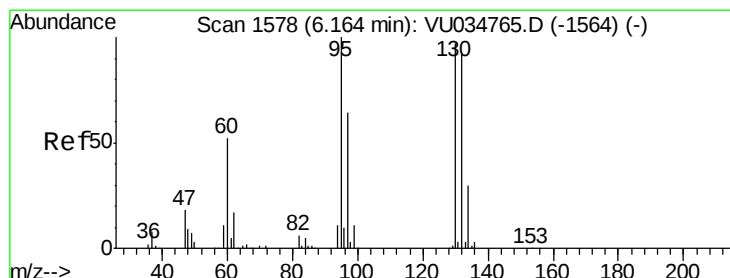
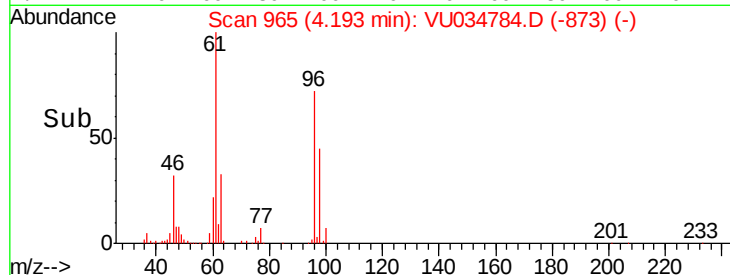
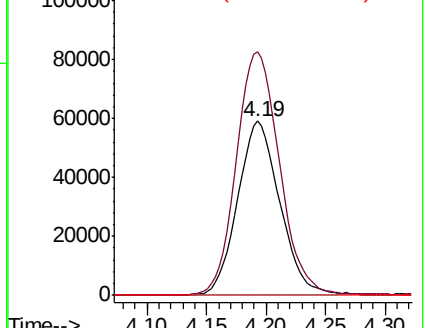
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034765.D (-948) (-)

Ion 61.00 (60.70 to 61.70): VU034765.D (-948) (-)

Ion 68.00 (67.70 to 68.70): VU034765.D (-948) (-)



#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

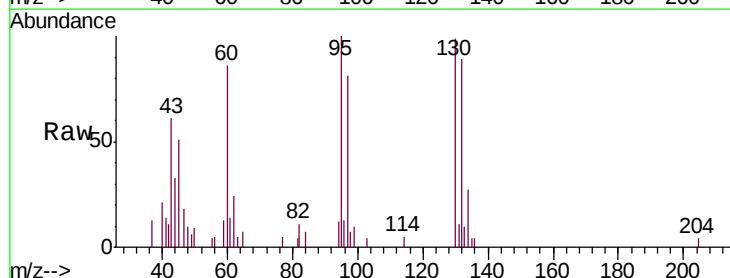
Ion Ratio Lower Upper

95 100

97 80.7 43.7 81.1

132 89.1 61.0 113.2

130 99.3 65.7 121.9

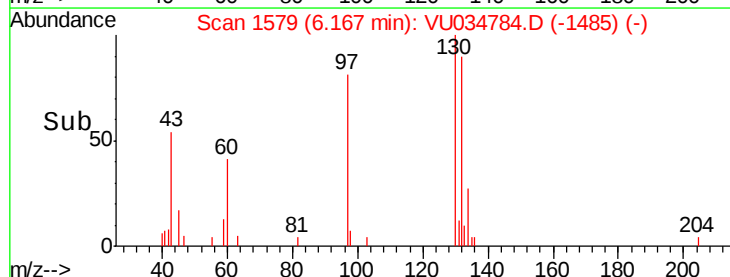
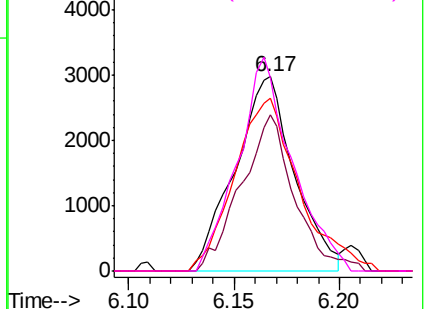


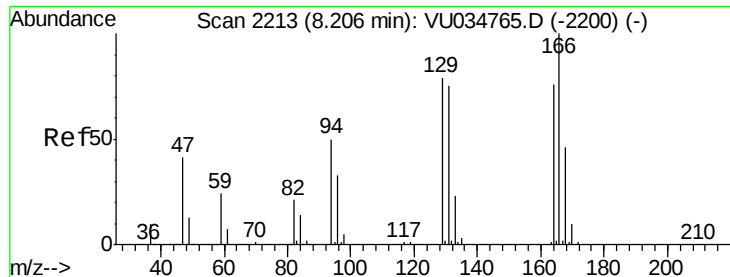
Abundance Ion 95.00 (94.70 to 95.70): VU034765.D (-1564) (-)

Ion 97.00 (96.70 to 97.70): VU034765.D (-1564) (-)

Ion 132.00 (131.70 to 132.70): VU034765.D (-1564) (-)

Ion 130.00 (129.70 to 130.70): VU034765.D (-1564) (-)





#46

Tetrachloroethene

Concen: 13.506 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

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Acq: 24 Sep 2019 20:20

Instrument :

MSVOA_U

ClientSampleID :

BEDM9DL

Tgt Ion:164 Resp: 45972

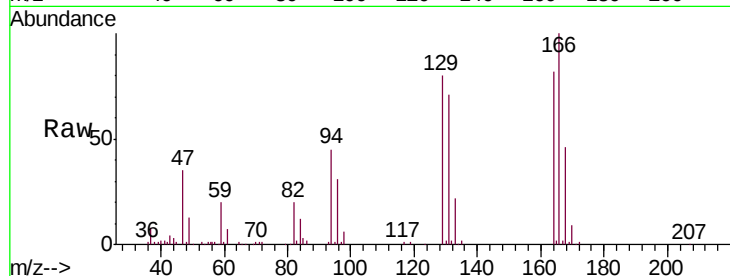
Ion Ratio Lower Upper

164 100

129 97.4 71.9 133.5

131 86.2 66.3 123.1

166 122.1 93.4 173.6

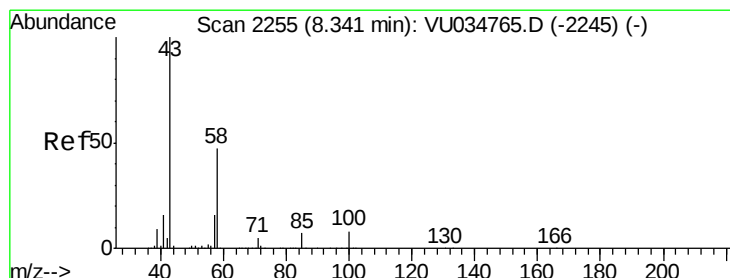
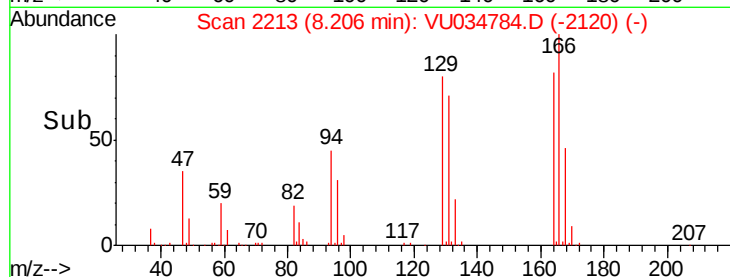
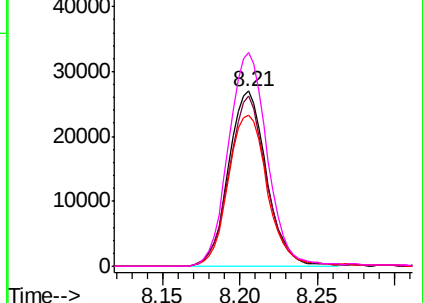


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.417 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

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Acq: 24 Sep 2019 20:20

Tgt Ion: 43 Resp: 47131

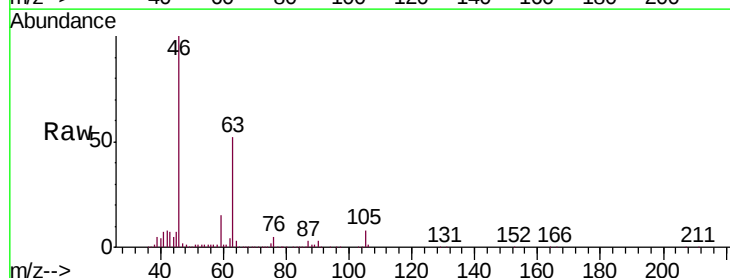
Ion Ratio Lower Upper

43 100

58 18.8 35.3 52.9#

57 25.8 12.1 18.1#

100 0.0 6.2 9.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

