

Data File : VU034786.D
Acq On : 24 Sep 2019 21:07
Operator : JC/SP
Sample : K4948-03DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDN3DL

Quant Time: Sep 25 03:05:53 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	559282	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	504824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	231108	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	210047	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.38%
7) Chloroethane-d5	1.67	69	188190	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.06%
11) 1,1-Dichloroethene-d2	2.26	63	288682	29.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.54%#
21) 2-Butanone-d5	4.15	46	461576	105.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.19%
24) Chloroform-d	4.62	84	388250	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	5.28	65	270865	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.54%
32) Benzene-d6	5.32	84	795269	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
36) 1,2-Dichloropropane-d6	6.31	67	285524	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.42%
41) Toluene-d8	7.54	98	741101	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%
43) trans-1,3-Dichloropropene-	7.83	79	128102	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.82%
47) 2-Hexanone-d5	8.29	63	298633	108.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	389784	51.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	252885	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

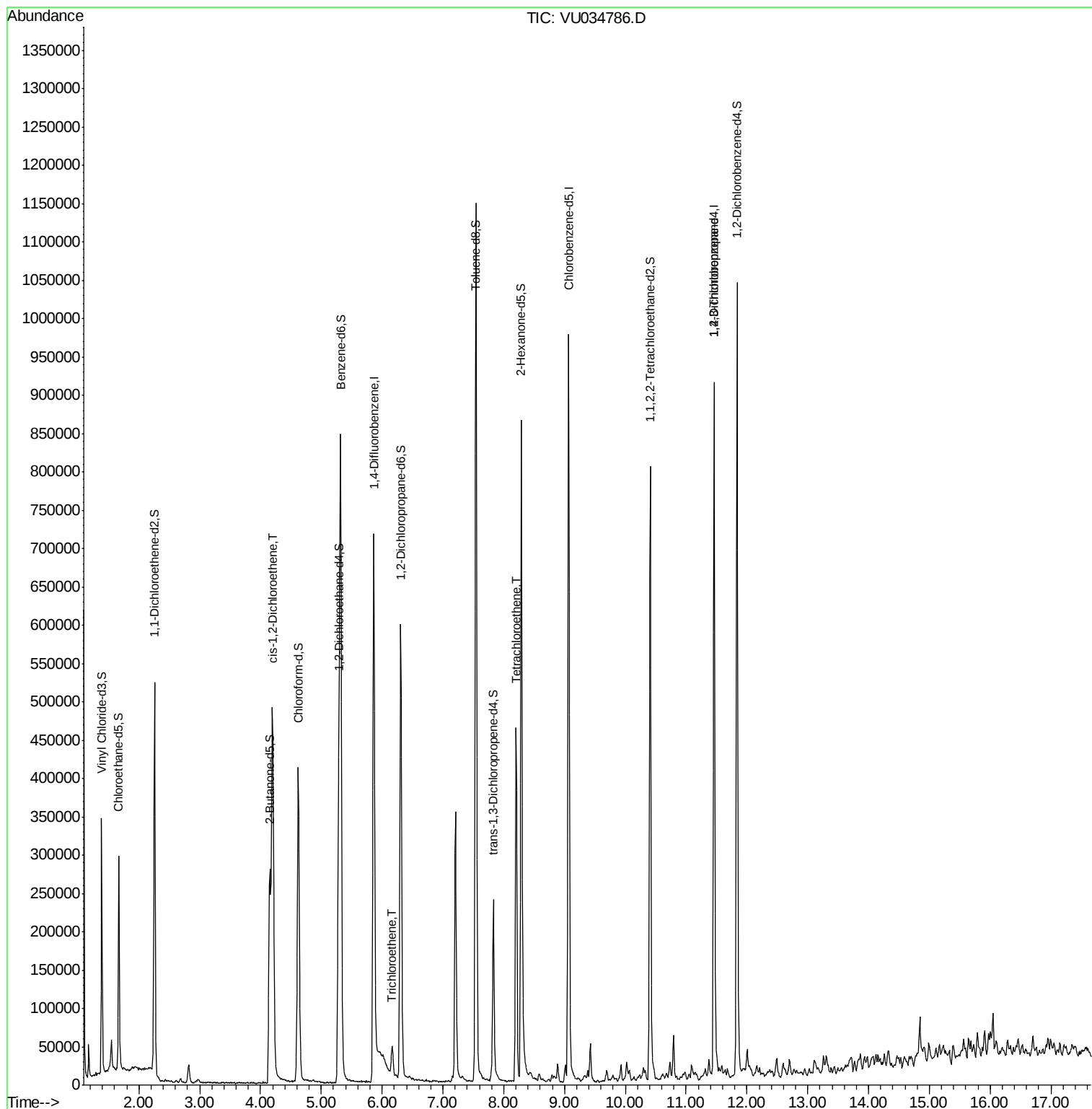
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.20	96	250100	53.465	ug/L	87
34) Trichloroethene	6.16	95	12670	2.930	ug/L	96
46) Tetrachloroethene	8.21	164	94502	31.070	ug/L	97
59) 1,2,3-Trichloropropane	11.46	75	31563	4.847	ug/L	90

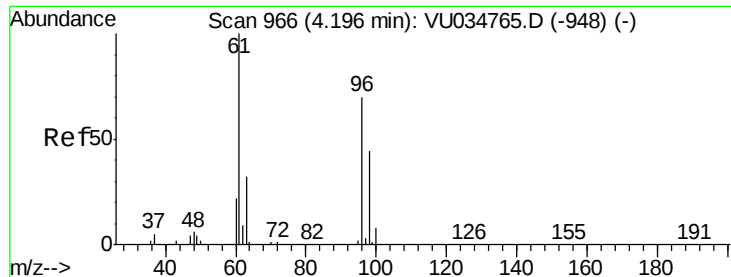
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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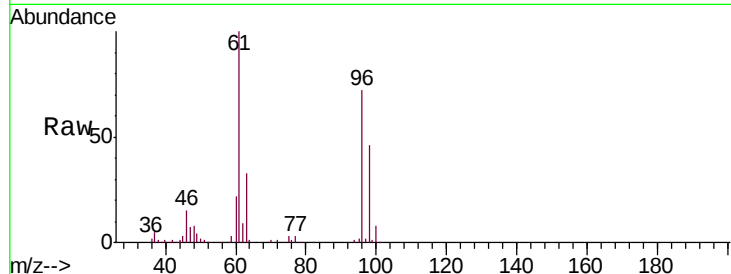


#20

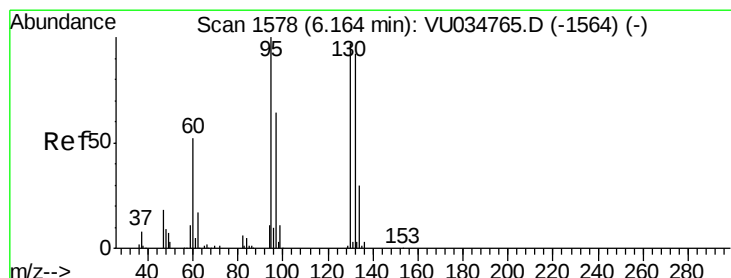
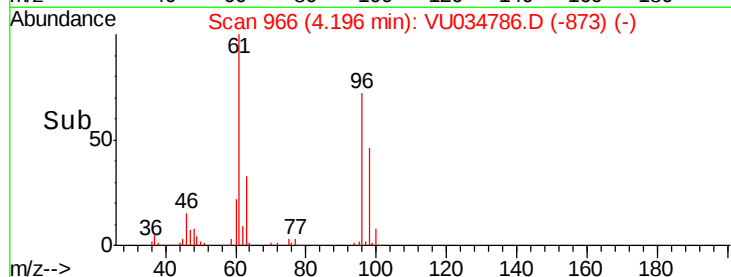
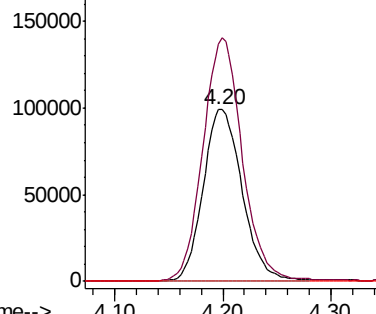
cis-1,2-Dichloroethene
Concen: 53.465 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU034786.D
Acq: 24 Sep 2019 21:07

Instrument :
MSVOA_U
ClientSampleId :
BEDN3DL

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	108.8	202.2
68	0.0	0.0	0.0



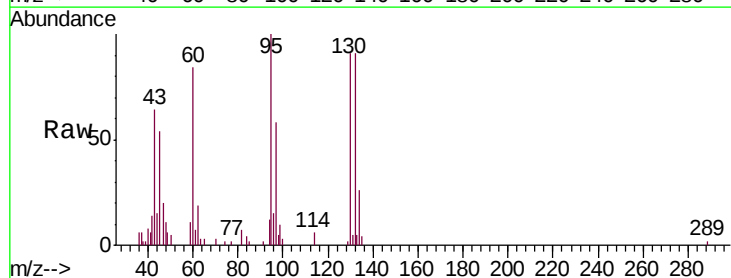
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



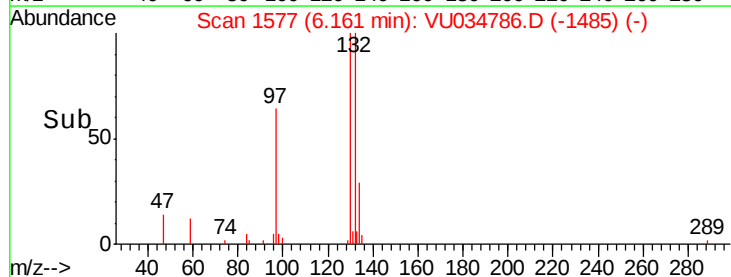
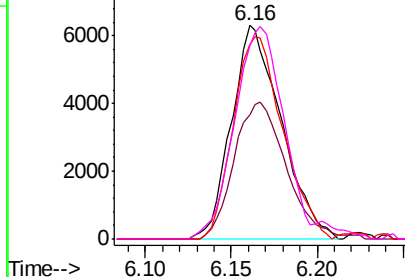
#34

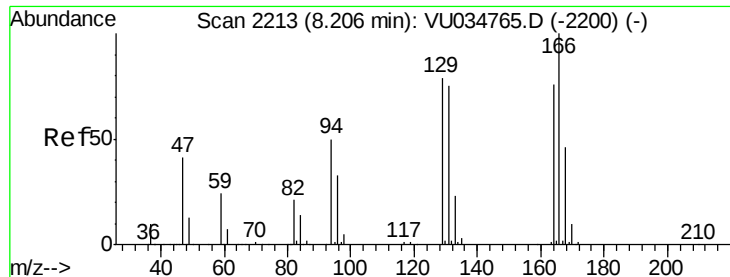
Trichloroethene
Concen: 2.930 ug/L
RT: 6.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VU034786.D
Acq: 24 Sep 2019 21:07

Tgt Ion	Ratio	Lower	Upper
95	100		
97	58.4	43.7	81.1
132	90.9	61.0	113.2
130	90.5	65.7	121.9



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): V
Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 31.070 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034786.D

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Instrument :

MSVOA_U

ClientSampleId :

BEDN3DL

Tgt Ion:164 Resp: 94502

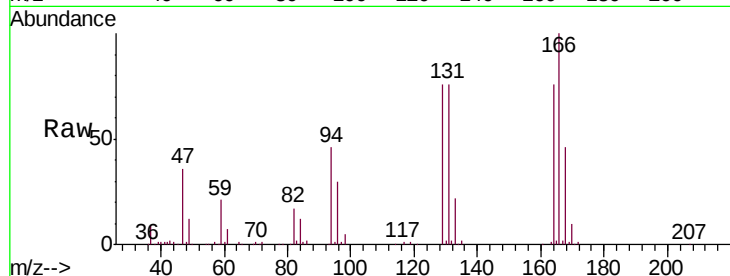
Ion Ratio Lower Upper

164 100

129 100.6 71.9 133.5

131 99.7 66.3 123.1

166 131.5 93.4 173.6

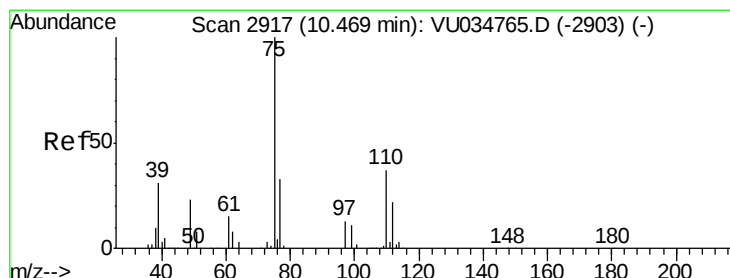
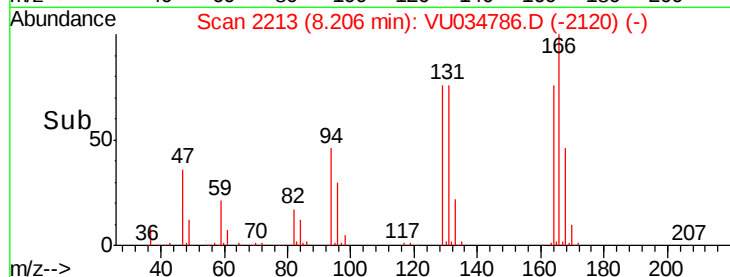
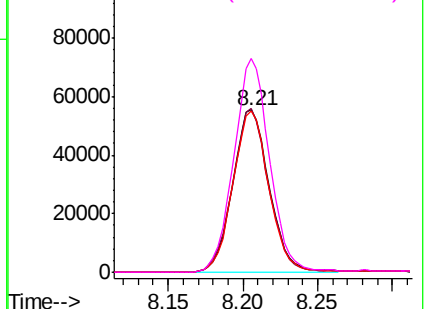


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 4.847 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034786.D

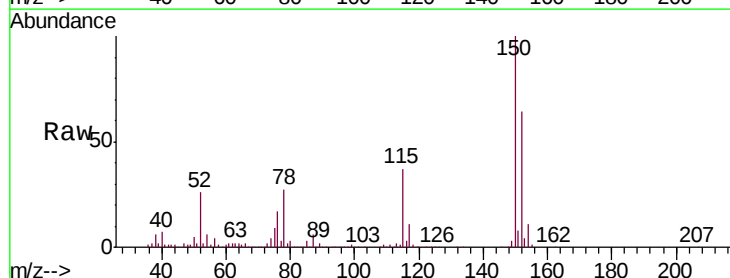
Acq: 24 Sep 2019 21:07

Tgt Ion: 75 Resp: 31563

Ion Ratio Lower Upper

75 100

77 36.3 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

