

Data File : VU034790.D
Acq On : 24 Sep 2019 22:41
Operator : JC/SP
Sample : K4984-06ME 10X
Misc : 4.99g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDLOME

Quant Time: Sep 25 03:06:32 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	596287	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	558062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	246417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	209341	34.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.58%
7) Chloroethane-d5	1.66	69	188340	39.92	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.84%
11) 1,1-Dichloroethene-d2	2.32	63	397	0.04	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.15	46	467142	99.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.85%
24) Chloroform-d	4.62	84	391693	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.28	65	280796	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
32) Benzene-d6	5.31	84	826530	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.31	67	293474	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.54	98	797234	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.83	79	129786	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.29	63	324324	106.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.81%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	415652	49.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.10%
64) 1,2-Dichlorobenzene-d4	11.84	152	269878	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

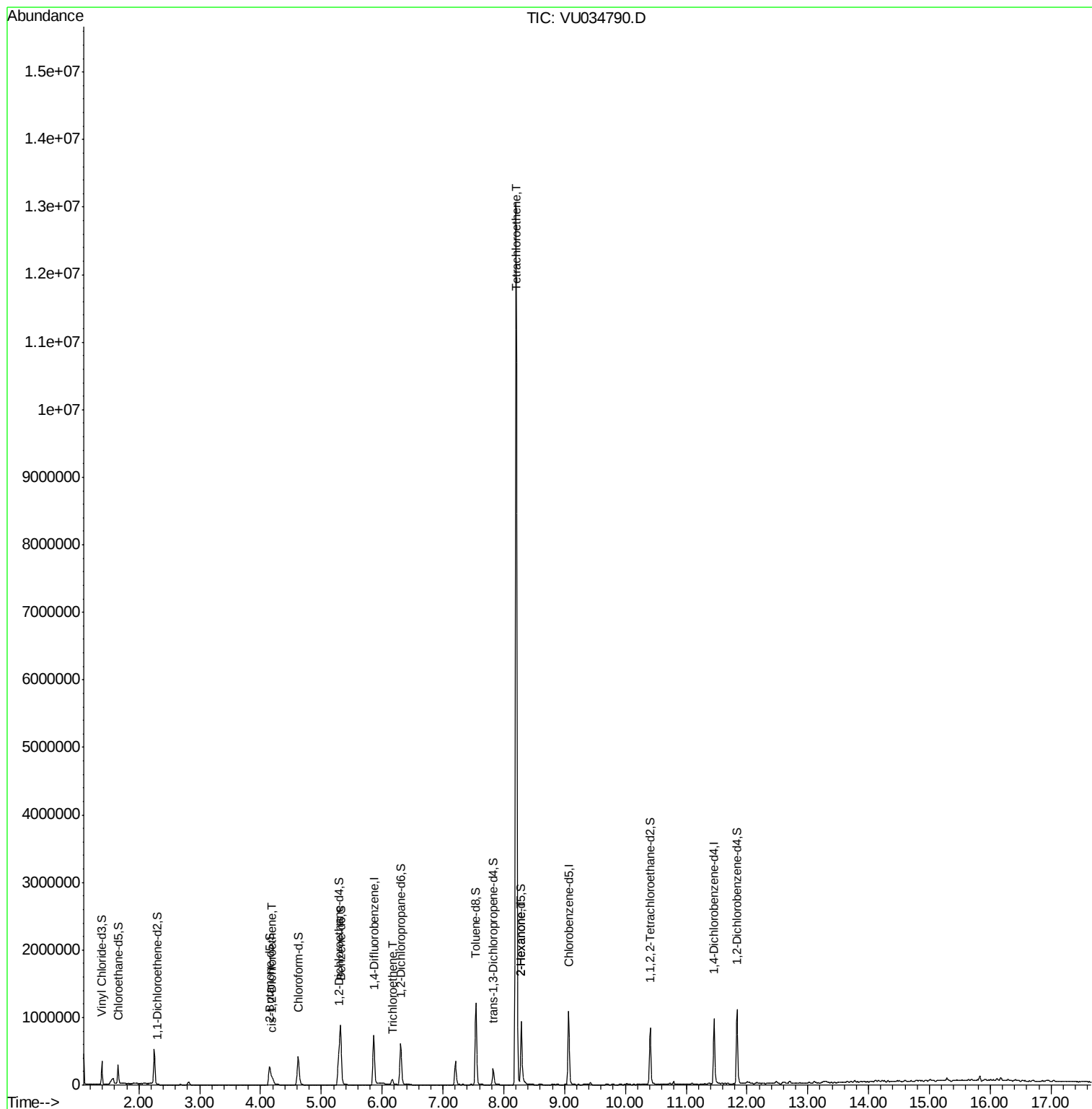
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	39842	7.989 ug/L	95
34) Trichloroethene	6.17	95	25761	5.389 ug/L	89
46) Tetrachloroethene	8.21	164	2607516	775.510 ug/L	98
48) 2-Hexanone	8.29	43	40845	4.753 ug/L #	70

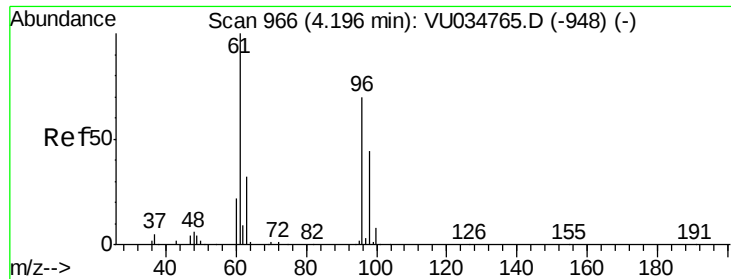
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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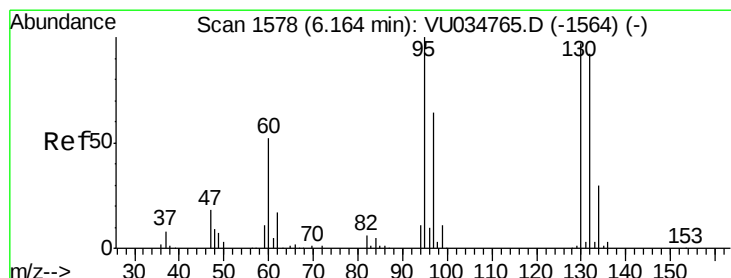
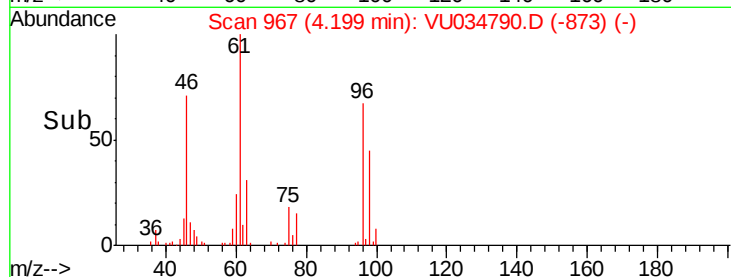
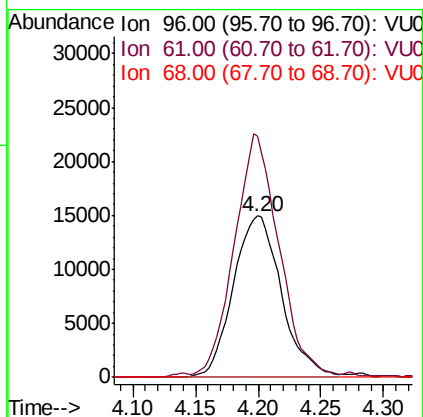
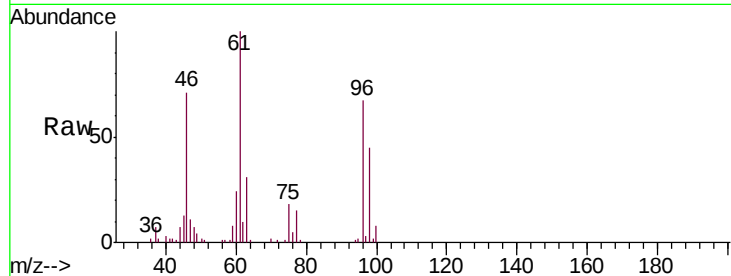




#20
 cis-1,2-Dichloroethene
 Concen: 7.989 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034790.D
 Acq: 24 Sep 2019 22:41

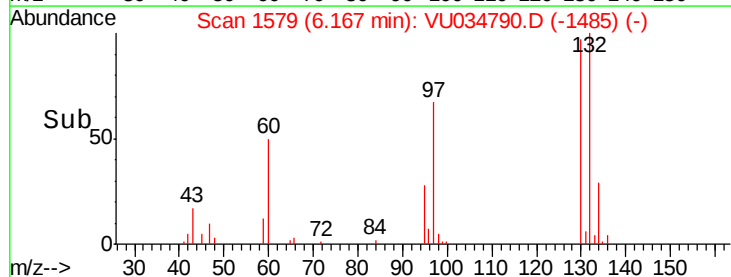
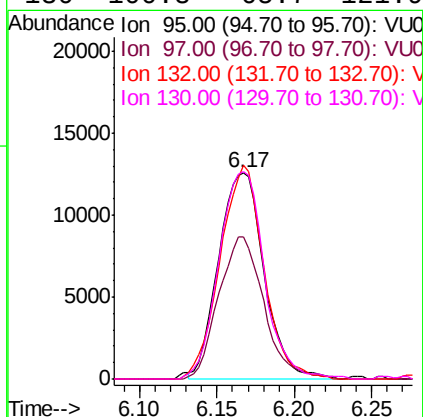
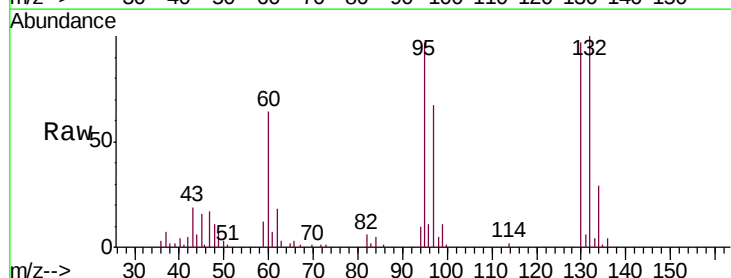
Instrument :
 MSVOA_U
 ClientSampleId :
 BEDLOME

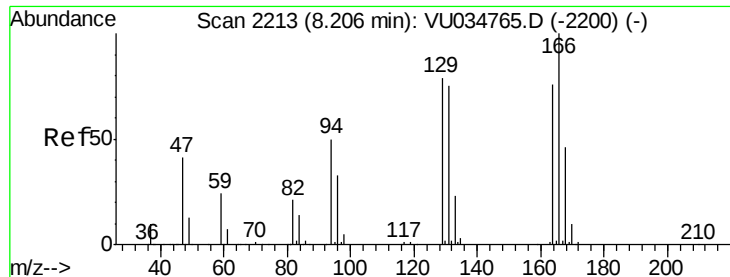
Tgt Ion: 96 Resp: 39842
 Ion Ratio Lower Upper
 96 100
 61 149.1 108.8 202.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 5.389 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034790.D
 Acq: 24 Sep 2019 22:41

Tgt Ion: 95 Resp: 25761
 Ion Ratio Lower Upper
 95 100
 97 69.1 43.7 81.1
 132 103.5 61.0 113.2
 130 100.8 65.7 121.9

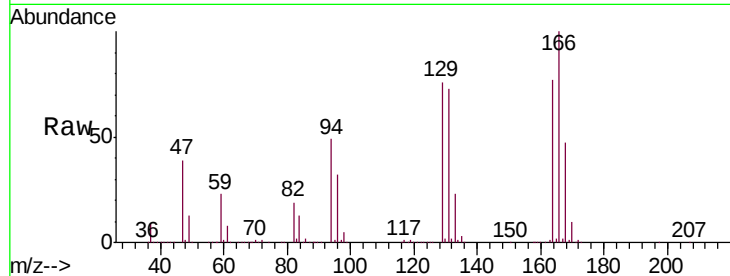




#46
Tetrachloroethene
Concen: 775.510 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034790.D
Acq: 24 Sep 2019 22:41

Instrument :
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Tgt Ion:164 Resp: 2607516
Ion Ratio Lower Upper
164 100
129 99.0 71.9 133.5
131 95.1 66.3 123.1
166 130.6 93.4 173.6



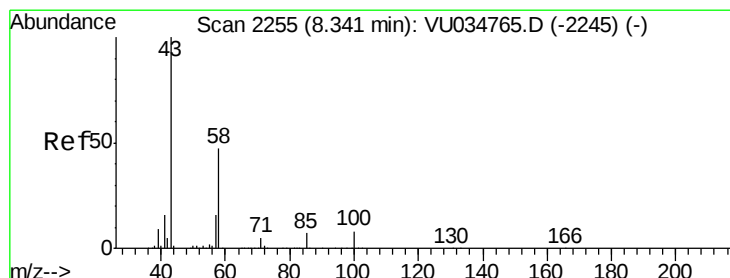
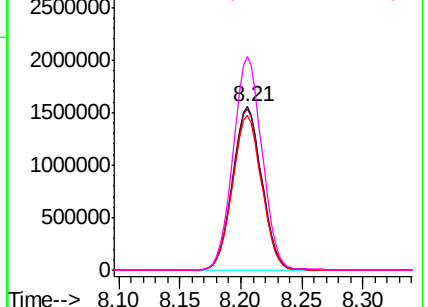
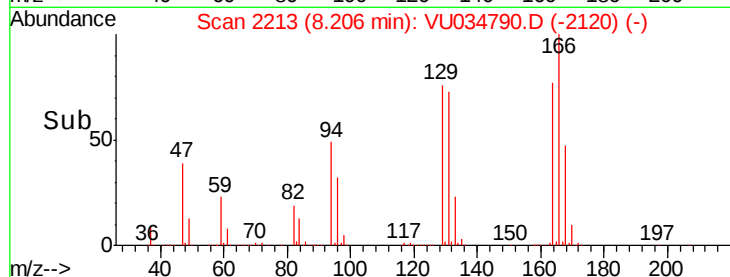
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

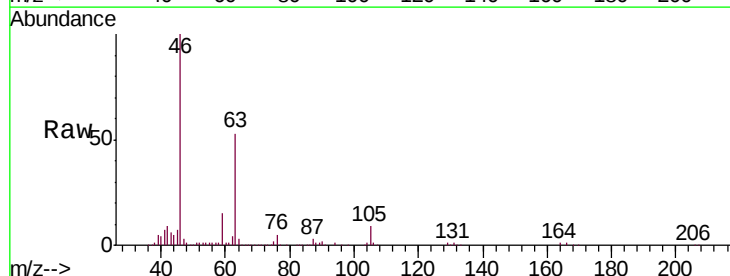
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 4.753 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 40845
Ion Ratio Lower Upper
43 100
58 20.8 35.3 52.9#
57 22.1 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

