

Data File : VU033769.D
Acq On : 12 Aug 2019 14:15
Operator : JC/SP
Sample : K4202-13REDL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B31REDL

Quant Time: Aug 12 17:03:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 16:26:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	302041	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	301148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	124564	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123072	55.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.70%
7) Chloroethane-d5	1.67	69	135713	60.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.80%
11) 1,1-Dichloroethene-d2	2.26	63	161176	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.22%
21) 2-Butanone-d5	4.15	46	214040	155.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	155.28%#
24) Chloroform-d	4.62	84	237575	71.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.84%#
26) 1,2-Dichloroethane-d4	5.29	65	165424	80.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	160.18%#
32) Benzene-d6	5.32	84	455676	64.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.22%#
36) 1,2-Dichloropropane-d6	6.31	67	154407	70.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	141.60%#
41) Toluene-d8	7.55	98	372244	55.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.38%
43) trans-1,3-Dichloropropene-	7.83	79	68607	62.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	124.58%
47) 2-Hexanone-d5	8.29	63	145379	128.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.69%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	235739	73.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	146.14%#
64) 1,2-Dichlorobenzene-d4	11.85	152	144284	68.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.64%#

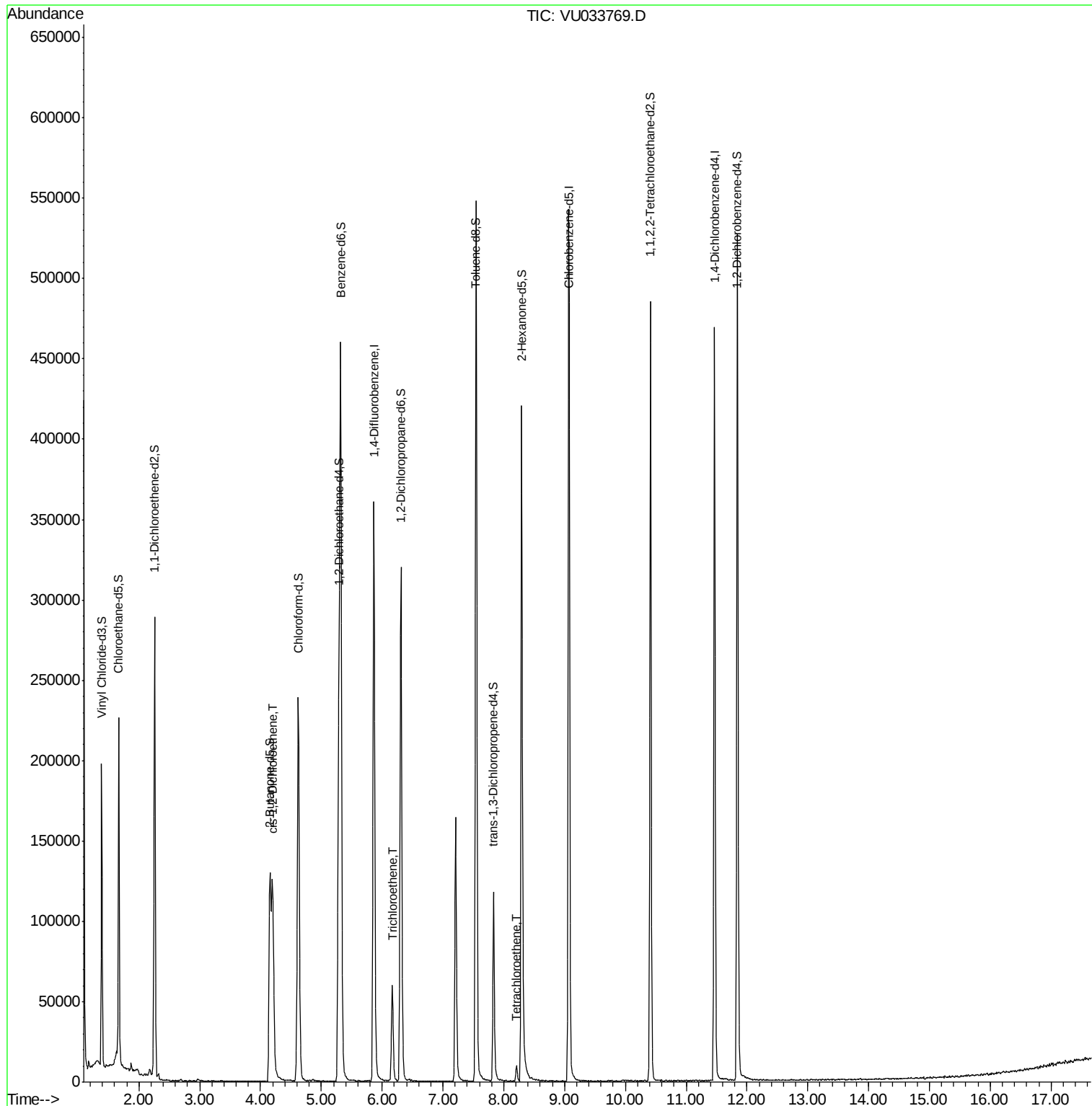
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.20	96	60594	27.907	ug/L	97
34) Trichloroethene	6.17	95	20497	9.269	ug/L	91
46) Tetrachloroethene	8.22	164	2238	1.228	ug/L	92

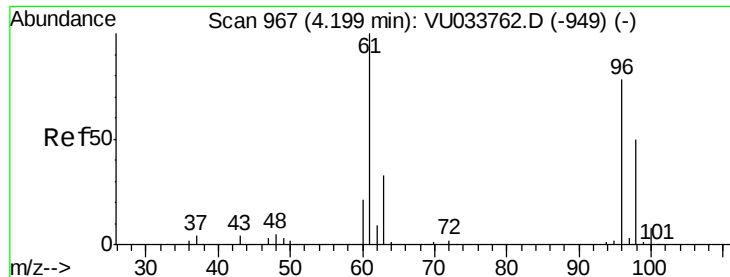
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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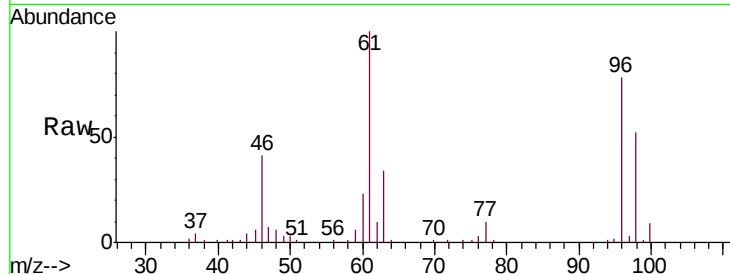




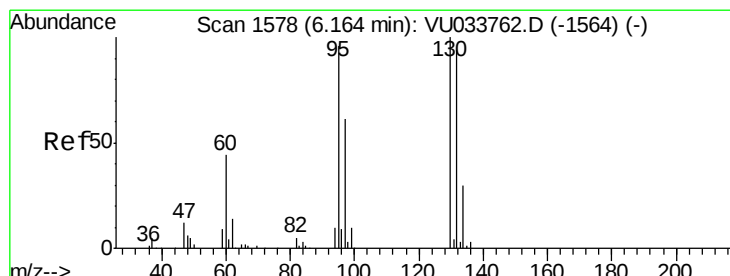
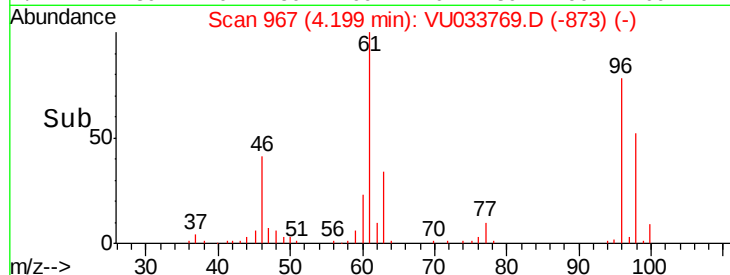
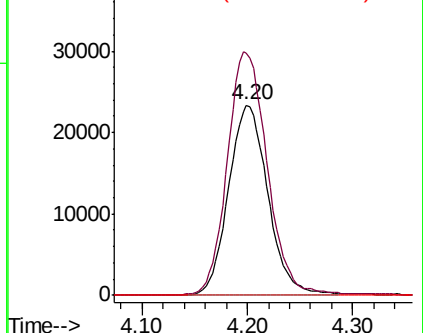
#20
 cis-1,2-Dichloroethene
 Concen: 27.907 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
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Tgt Ion: 96 Resp: 60594
 Ion Ratio Lower Upper
 96 100
 61 127.9 87.0 161.6
 68 0.0 0.0 0.0



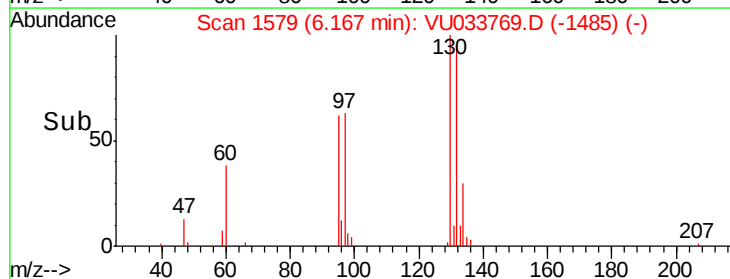
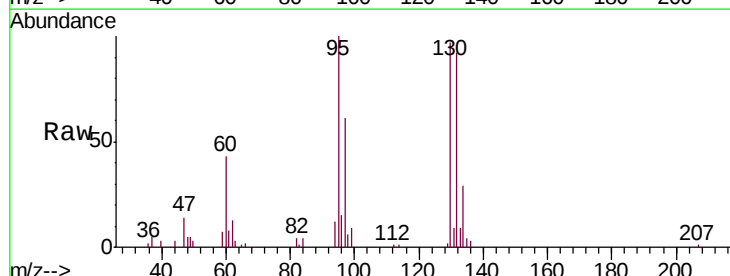
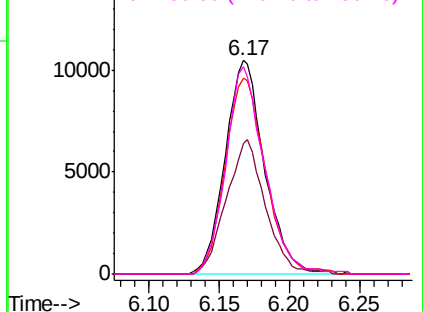
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

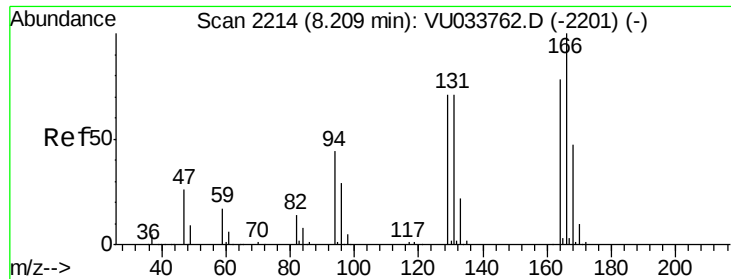


#34
 Trichloroethene
 Concen: 9.269 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033769.D
 Acq: 12 Aug 2019 14:15

Tgt Ion: 95 Resp: 20497
 Ion Ratio Lower Upper
 95 100
 97 60.9 45.6 84.8
 132 91.9 72.0 133.8
 130 96.8 74.3 138.1

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: 1.228 ug/L

RT: 8.22 min Scan# 2216

Delta R.T. 0.01 min

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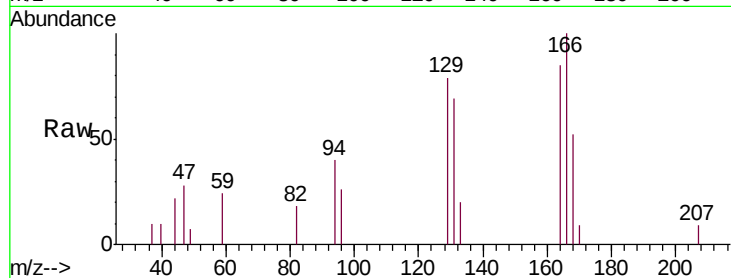
Acq: 12 Aug 2019 14:15

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Tgt Ion:164 Resp: 2238

Ion Ratio Lower Upper

164 100

129 92.7 65.5 121.7

131 81.1 63.6 118.0

166 117.8 92.7 172.3

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

