

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033702.D
 Acq On : 09 Aug 2019 22:52
 Operator : JC/SP
 Sample : K4202-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B40

Quant Time: Aug 12 03:06:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	380282	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	363926	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	183642	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	132742	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.67	69	130471	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.26	63	182031	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.34%
21) 2-Butanone-d5	4.15	46	261086	150.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	150.44%#
24) Chloroform-d	4.62	84	253437	60.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.88%
26) 1,2-Dichloroethane-d4	5.28	65	167021	64.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.44%#
32) Benzene-d6	5.32	84	514722	59.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.86%
36) 1,2-Dichloropropane-d6	6.31	67	170875	64.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.66%#
41) Toluene-d8	7.55	98	459670	56.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.80%
43) trans-1,3-Dichloropropene-	7.83	79	79445	59.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.38%
47) 2-Hexanone-d5	8.29	63	201053	147.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.27%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	262591	67.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	134.70%#
64) 1,2-Dichlorobenzene-d4	11.84	152	197313	63.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.68%#

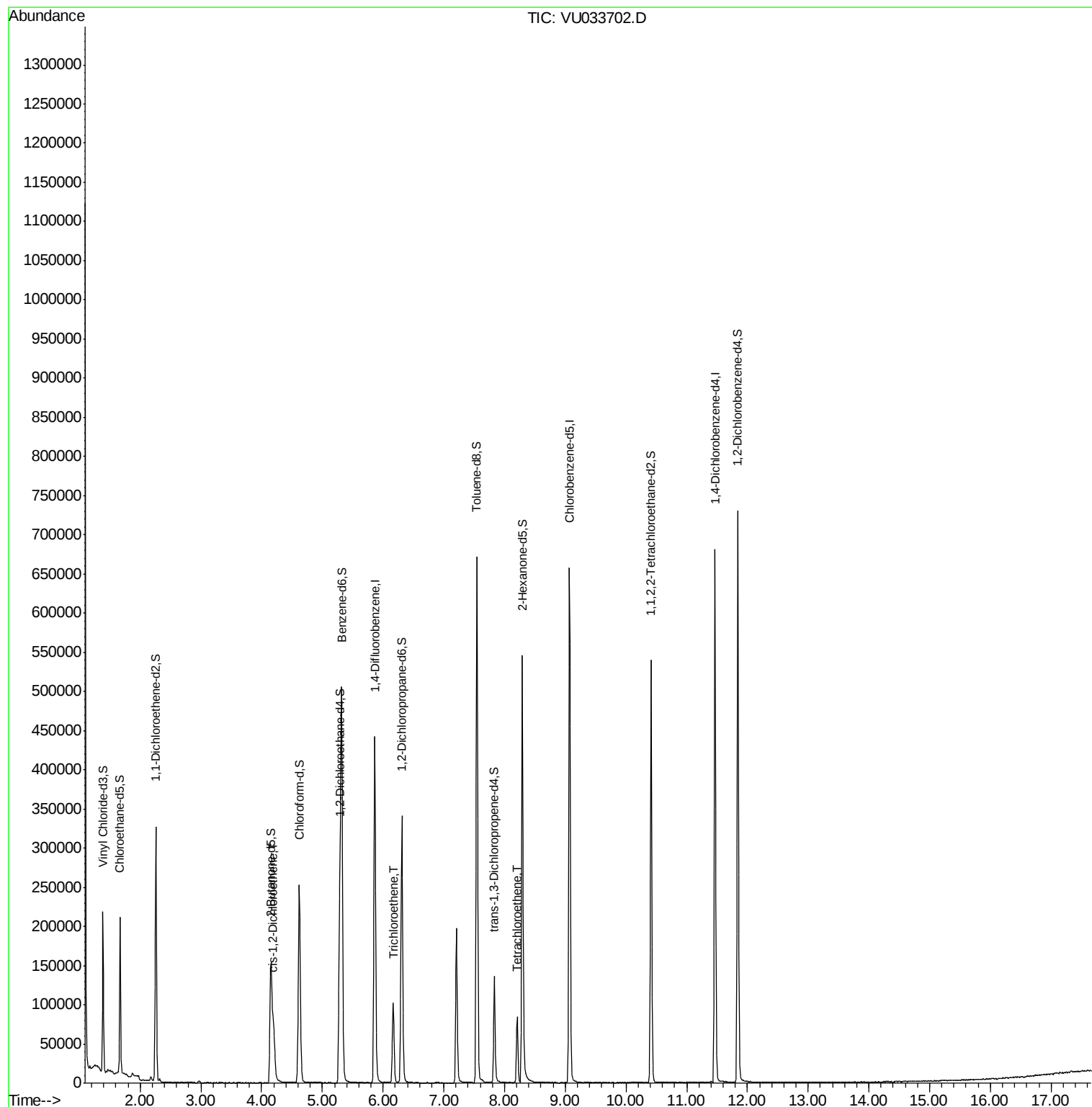
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	33534	12.267 ug/L	96
34) Trichloroethene	6.17	95	35974	13.462 ug/L	97
46) Tetrachloroethene	8.21	164	19102	8.671 ug/L	95

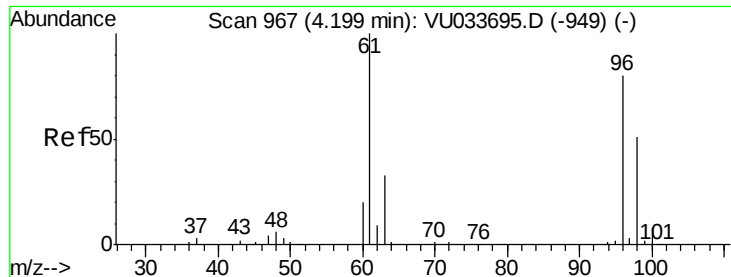
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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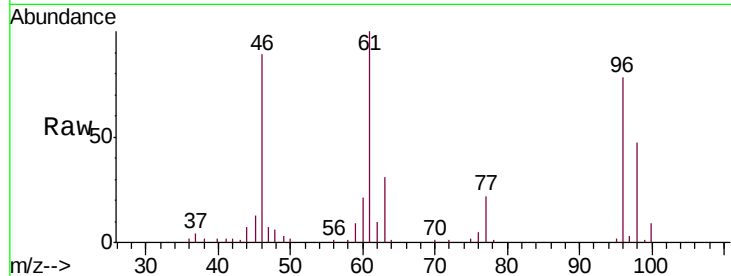




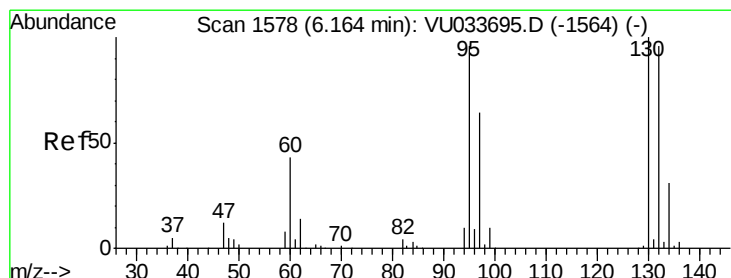
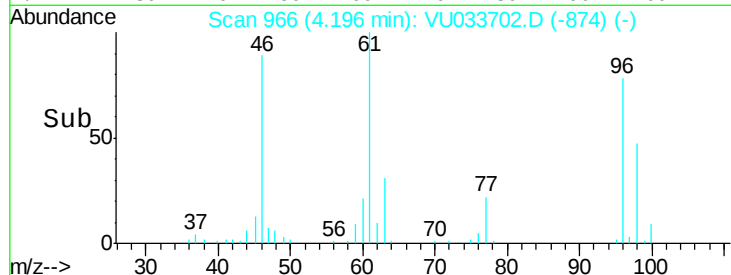
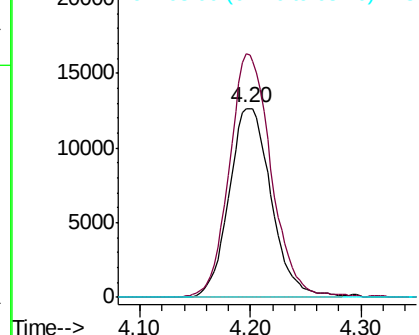
#20
 cis-1,2-Dichloroethene
 Concen: 12.267 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033702.D
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Instrument :
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Tgt Ion: 96 Resp: 33534
 Ion Ratio Lower Upper
 96 100
 61 129.0 87.0 161.6
 68 0.0 0.0 0.0

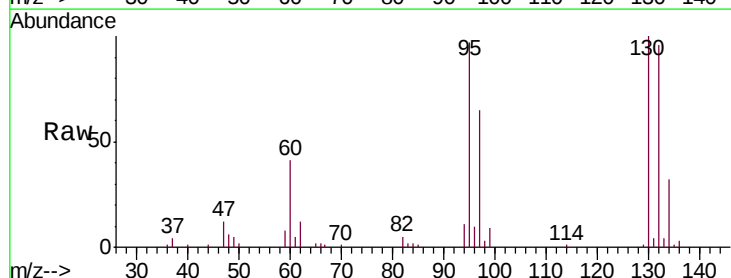


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

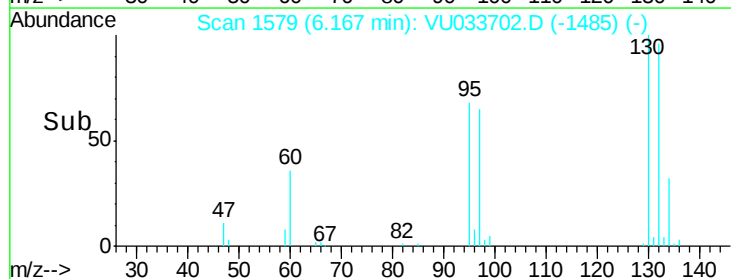
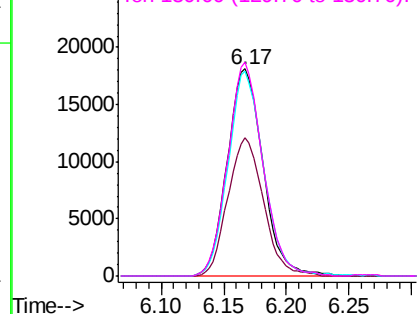


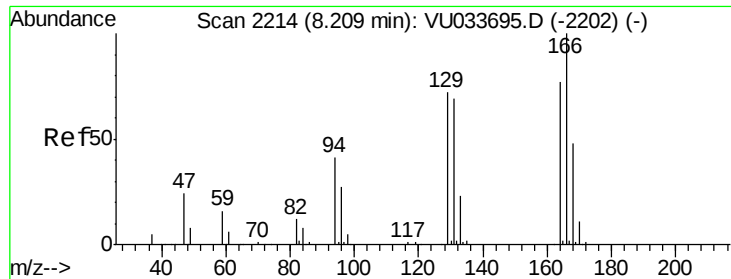
#34
 Trichloroethene
 Concen: 13.462 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033702.D
 Acq: 09 Aug 2019 22:52

Tgt Ion: 95 Resp: 35974
 Ion Ratio Lower Upper
 95 100
 97 66.7 45.6 84.8
 132 99.2 72.0 133.8
 130 103.1 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: 8.671 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 19102

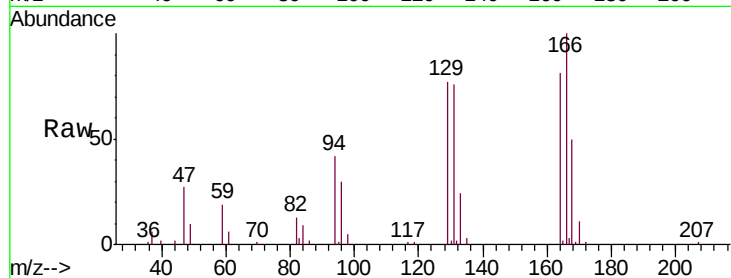
Ion Ratio Lower Upper

164 100

129 95.1 65.5 121.7

131 93.0 63.6 118.0

166 122.8 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

