

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081119\
 Data File : VU033745.D
 Acq On : 11 Aug 2019 12:29
 Operator : JC/SP
 Sample : K4202-14RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B32RE

Quant Time: Aug 12 05:22:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 04:45:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274896	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	273688	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	122606	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38685	19.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	38.24%#
7) Chloroethane-d5	1.67	69	44067	21.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.46%#
11) 1,1-Dichloroethene-d2	2.26	63	53861	15.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	31.66%#
21) 2-Butanone-d5	4.14	46	171312	136.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.56%#
24) Chloroform-d	4.62	84	127234	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	5.29	65	85638	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
32) Benzene-d6	5.32	84	202326	31.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.64%#
36) 1,2-Dichloropropane-d6	6.31	67	82528	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.28%
41) Toluene-d8	7.55	98	151493	24.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	49.88%#
43) trans-1,3-Dichloropropene-	7.83	79	32101	32.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.14%
47) 2-Hexanone-d5	8.29	63	119828	116.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	166570	56.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	93786	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%

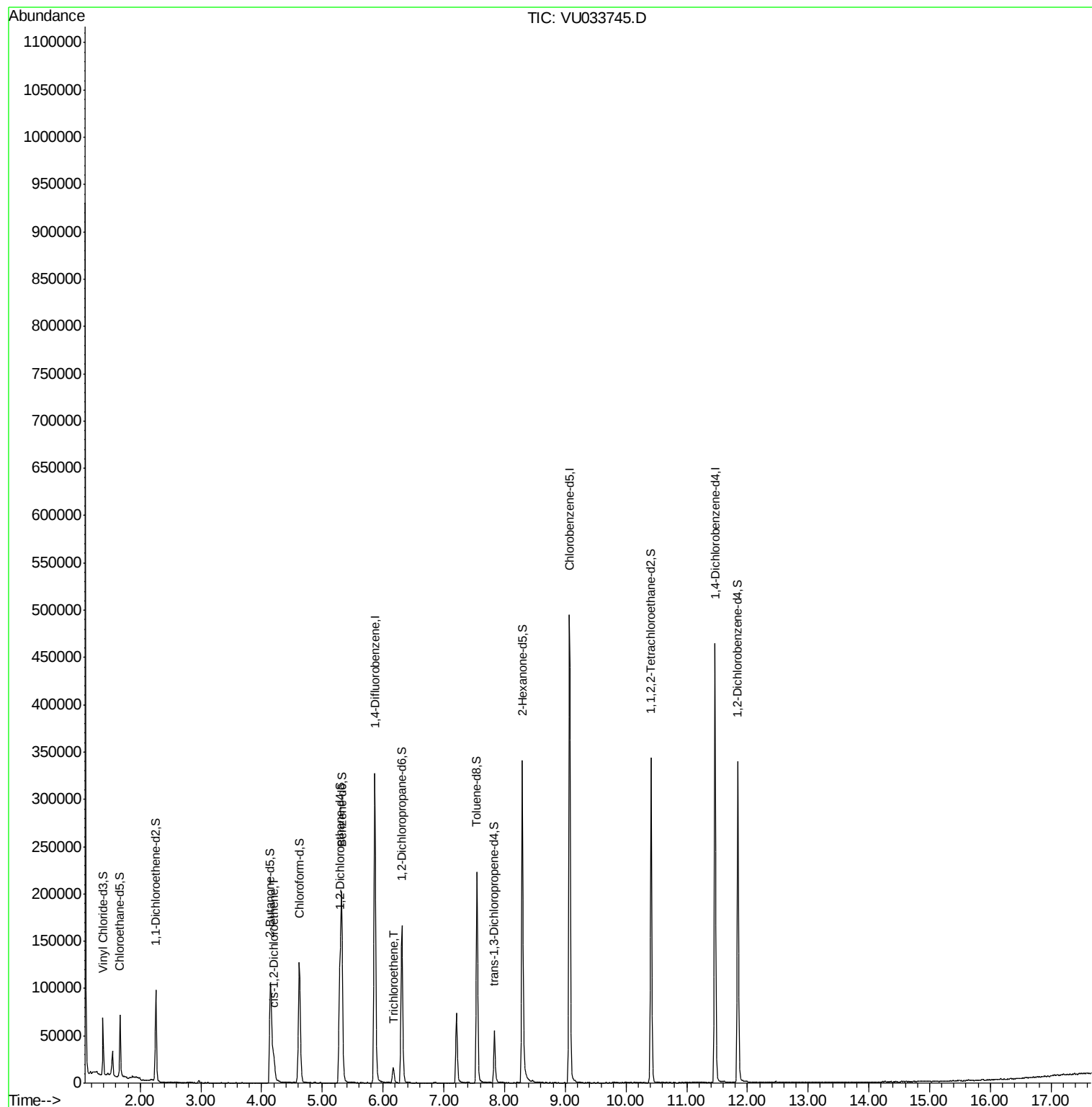
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	12517	6.334 ug/L	93
34) Trichloroethene	6.17	95	5342	2.658 ug/L	94

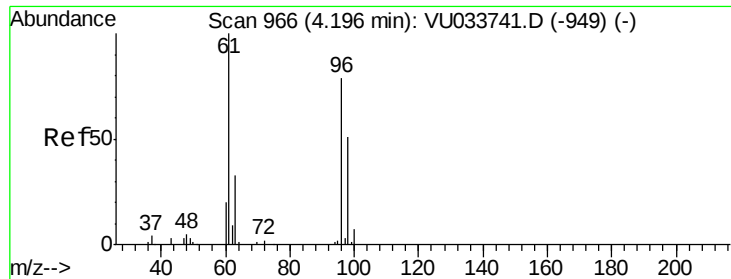
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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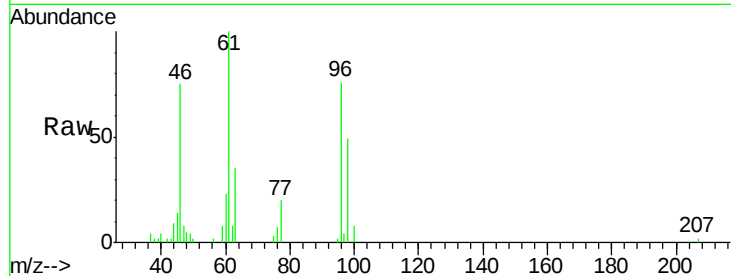


#20

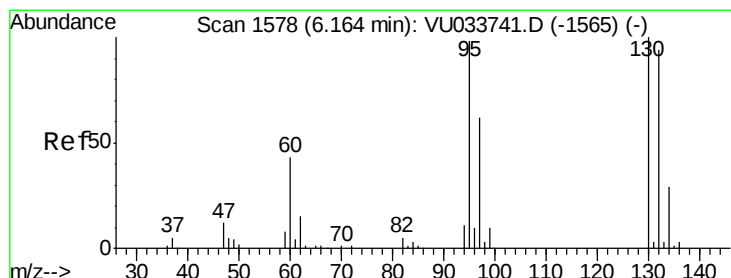
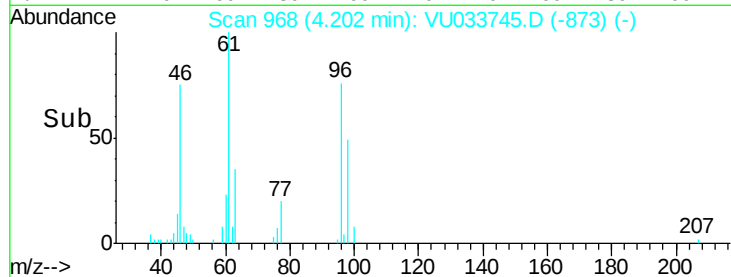
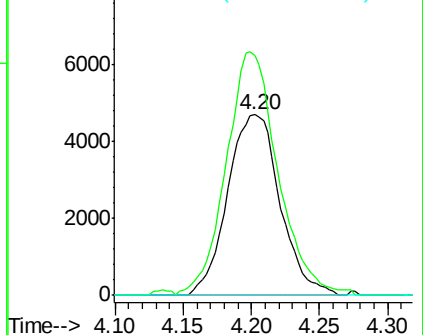
cis-1,2-Dichloroethene
Concen: 6.334 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.01 min
Lab File: VU033745.D
Acq: 11 Aug 2019 12:29

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MSVOA_U
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Tot Ion: 96 Resp: 12517
Ion Ratio Lower Upper
96 100
61 132.3 87.0 161.6
68 0.0 0.0 0.0



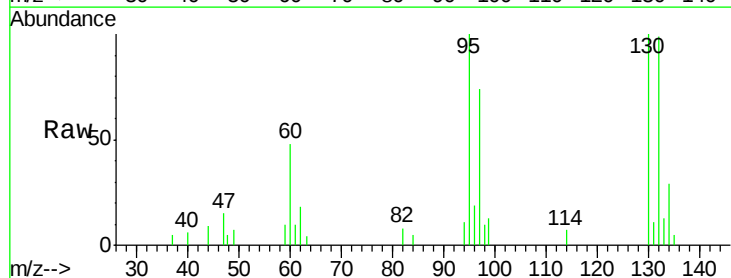
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
Concen: 2.658 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033745.D
Acq: 11 Aug 2019 12:29

Tgt Ion: 95 Resp: 5342
Ion Ratio Lower Upper
95 100
97 73.5 45.6 84.8
132 99.1 72.0 133.8
130 99.9 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

